U. S. Surplus Disposal Plans—Page 3

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Sulfur Compounds
from CARBIDE AND CARBON CHEMICALS CORPORATION

1 KROMFAX SOLVENT (Thiodiglycol)

$HOCH_2CH_2SCH_2CH_2OH$

Boiling point (50 mm.)	194°C.
Water solubility	Complete
Appearance	Almost colorless liquid
Odor	Mild
Availability	Commercial quantities

Kromfax Solvent has been used for many years as an almost non-volatile solvent for basic, acid, and vat dyestuffs. It is specially suitable for pasting difficultly soluble basic dyestuffs in direct printing and in color discharge and resist printing. Since Kromfax Solvent is a glycol and contains two alcohol groups, it may be useful in synthesizing resins and plasticizers.

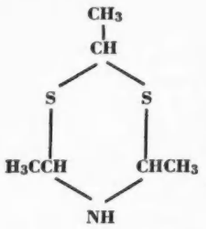
2 MERCAPTOETHANOL (Monothioglycol)

$HSCH_2CH_2OH$

Boiling Point (760 mm.)	157°C.
Water solubility	Complete
Appearance	Water-white liquid
Odor	Hydrogen sulfide
Availability	Research samples

Since Mercaptoethanol reacts both as a mercaptan and alcohol, it should be a particularly valuable chemical intermediate in the synthesis of pharmaceuticals, dyestuffs, rubber chemicals, flotation agents, and pickling inhibitors. Its fatty esters show promise as anti-crosslinking directors in the polymerization of elastomers. Mercaptoethanol is also useful as a sulfhydryl reagent for protein investigation. Certain of its derivatives may be of interest in depilatories and hair-curling formulations.

3 THIALDINE



Melting point	39-41°
Solubility	Slightly soluble in water; soluble in alcohol, ether, and hydrocarbons
Appearance	Colorless, crystalline solid
Odor	Ammonium sulfide
Availability	Commercial quantities

Containing both sulfur and nitrogen in the ring, Thialdine is a promising heterocyclic intermediate. The odor of its salts is less than that of the free base. Manufacturers of dyestuffs, insecticides, pharmaceuticals, and rubber chemicals should investigate this unusual chemical, available for the first time in commercial quantities.

BUY UNITED STATES WAR BONDS AND STAMPS

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Unit of Union Carbide and Carbon Corporation

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PRODUCERS OF SYNTHETIC ORGANIC CHEMICALS

"Kromfax" is a registered trade-mark of Carbide and Carbon Chemicals Corporation.

Oil, Paint and Drug Reporter

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'Rx Legend' Ruling Expected in August

OPD Washington Bureau

The revised regulations under consideration by the Food and Drug Administration removing some of the exemptions now provided in the use of the "Rx legend" on drug labeling is expected to be in shape for report to Federal Security Administrator McNutt sometime during the latter part of August, Dr. Paul B. Dunbar, Commissioner of Foods and Drugs, said July 27.

Considerable progress is being made in revising the existing regulations under section 502(f) of the food, drug and cosmetics act, to carry out the announced purpose of FDA to limit use of the "Rx legend" to drugs and devices which can be used safely only under a doctor's supervision, Dr. Dunbar said, and the regulation should be in Mr. McNutt's hands for signature soon. He could give no indication of how soon thereafter the regulation will be issued by the administrator, but felt certain that sufficient time would be permitted between the date of issue and the date of its effectiveness to cause only a minimum loss in unusable labels to manufacturers.

Dr. Dunbar would give no hint of the changes being made in the proposed revised regulation, but said that careful consideration is being given to the suggestions and objections received from the drug industry, and he commented that many of them have proved quite helpful.

Drug, Cosmetic Plant Sanitation Warning

OPD Washington Bureau

Drug and cosmetic manufacturers are under warning from the Food and Drug Administration to clean up any unsanitary conditions that exist in their plants which may result in the introduction of contaminated products in interstate commerce or face the prospect of injunction proceedings being brought against their operations in the federal district courts.

Dr. Paul B. Dunbar, Commissioner of Food and Drugs, said July 27 that the FDA has decided to tighten up its policies of enforcement of Section 501(a)(2) of the Federal Food, Drugs and Cosmetic Act by taking such cases to the courts hereafter instead of merely making seizures of contaminated drugs to remove them from the market. Action already has been taken against one firm, he stated, and others will follow unless the situation is improved.

The firm to feel the initial impact of the FDA's new policy is J. L. Hopkins & Co., Brooklyn, N. Y., which was brought into the District Court for the Eastern District of New York last week for shipping allegedly contaminated drugs in interstate commerce. A temporary restraining order was issued against the firm July 20 by Judge Robert A. Inch, and it is understood that the case has now been advanced for hearing on a permanent injunction.

—Continued on page 54

Cosmetic Makers May Borrow on Alcohol Quota

OPD Washington Bureau

The Chemicals Bureau of the War Production Board has announced that it would permit cosmetic manufacturers to anticipate during the third quarter up to 50 percent of their fourth-quarter quota for alcohol under allocation order M-30.

The purpose of this action is to permit these manufactureres to utilize the seasonal labor available during the summer months, WPB said. Manufacturers who wish to take advantage of this opportunity must file WPB-2945 forms and request the alcohol, showing their fourth-quarter quota in Column 10 of this form. It was emphasized that manufacturers who borrow against their fourth-quarter quota would not be given any excess alcohol in the fourth quarter.

Priestley Promoted By Union Carbide

William J. Priestley has been elected president of the Electro Metallurgical Company of Canada, Ltd.,

W. J. Priestley

the Michigan Northern Power Company, and the Union Carbide Company of Canada, Ltd., units of Union Carbide & Carbon Corporation, New York. Mr. Priestley succeeds to a vacancy caused by the death of Francis P. Gormely.

Mr. Priestley was graduated from Lehigh University in 1908 with a de-

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OCR Chemicals-Drugs Unit Raised in Status

OPD Washington Bureau

The Chemicals, Drugs and Health Supplies Branch of the Office of Civilian Requirements has been elevated to the status of a division, with Dr. Robert P. Fischelis in charge, in a reorganization of OCR July 25 by William Y. Elliott, WPB vice-chairman for civilian requirements.

The new arrangement is in recognition of the increasing attention being given in WPB to the resumption of civilian goods production and provides the chemicals and drugs industries with equal representation in the operations of OCR with apparel and tex-

—Continued on page 32

Surplus Disposal Plans Of Government Taking Shape

OPD Washington Bureau

A report throwing considerable new light on the disposal policies and problems of surplus war property and the trend of thinking in government on how these problems are to be met was released July 30 by the Office of War Information. It represents the first overall survey of the problem prepared by any agency for publication, and is based on information supplied by the Surplus War Property Administration, War Production Board, War and Navy Departments, United States Maritime Commission, War Food Administration, Reconstruction Finance Corporation and Procurement Division of the Treasury Department.

Indications are, according to the OWI, that the present intentions of the authorities is to leave for congressional consideration the determination of policy on retention of plants in a stand-by condition for future use, or for conversion to other public use, citing as one example a recommendation by the Secretary of Agriculture to SWPA that the Army ordnance plants be converted to the production of solid fertilizers in the postwar period.

The OWI estimates that surplus war property in the hands of industry today is worth $500,000,000 and is increasing in volume steadily. This is exclusive of property left over at the time of contract terminations, or property held by the Maritime Commission, Army, Navy, and other government agencies. It defined surpluses as of three general types:—"Excesses" reported by industry—idle material and material in excess of 60 days' forward requirements; property left over from terminated contracts; and surpluses that are accruing from changes in war strategy.

Today's surpluses are but a mite of what the future holds, it was pointed out. Some estimates place the overall potential surplus war property as high as $100,000,000,000, about twice that predicted in the Baruch-Hancock report, but at least half of the military surpluses will be in Europe and the Far East at the war's end and much of it will be disposed of abroad, while in addition it is expected that foreign markets will absorb several additional billions of dollars of surpluses that will be located in this country.

The report concludes that the domestic economy may be called upon to absorb about $15,000,000,000 of surpluses, a figure arrived at by excluding the huge food stores which will have to be sent abroad for relief, military construction, plants that the government will maintain in a stand-by condition or convert for other government purposes, stockpiles to be retained, and supplies the Army and Navy will keep on hand for maintenance of a peacetime military organization.

The $15,000,000,000 of surplus is broken down to include about $6,000,000,000 of industrial facilities, $1,000,000,000 of war housing, $4,000,000,000 of Army and Navy equipment, $1,000,-

—Continued on page 50

Small-Lots Surplus Disposal Outlined

OPD Washington Bureau

A program of nationwide publicity on small-lot offerings of surplus materials designed to enable small business to keep abreast of government offerings and get its fair share of the leftover goods, was urged July 27 in a report to the senate by its committee on small business. In cases where lots are too large to be handled by little business, the committee proposed that the Smaller War Plants Corporation be empowered to act as purchasing agent.

It was also proposed that close supervision be maintained over sales of surplus properties to prevent development of monopolies. The committee agreed with the view that the Attorney-General should pass on sales of property that originally cost $5,000,000 or more, but thought this

—Continued on page 43

Epinephrine Sprays Ruled Not Dangerous

OPD Washington Bureau

The Food and Drug Administration has advised the drug trade that it no longer has any objection to indiscriminate distribution of preparations containing 1 percent of epinephrine, provided certain conditions as to its use are carried on the label.

It was the position of FDA following passage of the food, drug, and cosmetic act that the sale of preparations of epinephrine bearing labelings inviting its use by the lay public without guidance of physicians would constitute a violation of the dangerous drug provisions of the act. The opinion was based on the evidence at hand at that time.

In a letter to the trade just made

—Continued on page 32

Drug Requirements of UNRRA To Absorb Military Surpluses

OPD Washington Bureau

Initial plans of the United Nations Relief and Rehabilitation Administration call for the procurement of approximately $100,000,000 worth of drug and health supplies for relief work in the liberated areas of Europe. Steps now are being taken to put the program into effect through the Foreign Economic Administration to which, under an executive order of the President has been assigned the task of procuring the materials for the relief agency.

It was explained that, although the program is vast in scope and volume, the amount of new buying that it will entail cannot be forecast accurately at this time since the policy that has been adopted is to make use of the surplus drugs and health supplies of the military services for the relief work of the agency, and the volume of such supplies that will be available for this purpose depends on the trend of military operations in Europe and the Pacific.

It appeared unlikely, however, that there will be any the less new buying of supplies, even if the bulk of UNRRA needs can be supplied from the huge stores of the military. UNRRA needs do not parallel those of the army all down the line, and many items will have to be procured for the relief agency from sources other than the army. Also there will necessarily have to be large purchases of articles whose life potency is limited and this can not be stored any great length of time.

Trade-Names Recognized

Another important aspect of the program is the fact that the drug policy of government agencies of using only the generic name of the product, with the American flag printed on the label to show it to be of American origin is to be reversed. Every effort now will be made to assist the drug industry in creating goodwill for its products by providing that the tradename of the manufacturer shall remain on the label.

This policy has long been sought by the drug industry and by other industries producing consumer goods purchased in huge amounts under the lend-lease programs. Complaints registered with the government by the industries hold that the prevailing policy failed to give proper consideration to

—Continued on page 48

RFC Has Surplus Of Drugs, Chemicals

OPD Washington Bureau

The Reconstruction Finance Corporation reports that as of July 15 it had on hand $632,813 worth of chemicals of various kinds which had been turned over to it for sale as surplus property by other government agencies. The tabulation released by Chairman Jesse Jones also showed $122,074 worth of drugs and medicines on hand on the same date.

No detailed breakdown of what the various items consist was given in the chairman's announcement. Further information is obtainable from the regional offices of the agency.

Mr. Jones said that in all property costing $72,337,730 had been declared surplus to RFC by other owning agencies and that the RFC had surplus property of its own to sell amounting to $109,104,937. Of the total amount of $181,442,667, he said, surplus property costing $59,004,006 had been disposed of for $52,562,554.

OPD Forum

Outlet for Individual Opinion

Anonymous communications will not be recognized; but, publication of a signer's name will be withheld at request.

Safflower-Seed Oil

The Editor,
OIL, PAINT AND DRUG REPORTER
Sir:—

In a recent issue of your paper under the heading, "Safflower Seed Having 34 Percent Oil Content Found," you give the United States Department of Agriculture credit for discovering said strains. We imported, in 1935-38, nearly all types of safflower seed grown in India and we supplied the United States Department of Agriculture with the high-oil-containing varieties containing over 30 percent of oil. In 1938 we had two types yielding over 34 percent of oil and six types that yielded over 30 percent of oil.

Believing in the possibilities of this double useful crop we spent much time and work with it during all these years and it was, through our importations, that we now have the superior strains which have been taken up by the agricultural colleges, departments of agriculture, and other leading agencies, for which we are very glad.

In 1929 we received some safflower seed—our start—which was used in our commercial test run. First solvent extraction, in cooperation with said department, contained only 19 percent of oil.

It may be of interest to you to know that two crushers will be erected this year in Montana, one at Great Falls by the Montana Vegetable Oil & Feed Company, and the other at Conrad by the Farmers Union Vegetable Oil Co-operative. The plant at Great Falls will be completed this Fall and is being built by the Dorward & Sons Company, San Francisco.

Lambert, Mont. ALFRED REHBEIN, SR.
July 22, 1944

Gum Naval Stores Advisers Named by OPA

OPD Washington Bureau

Fourteen representative producers, processors, and dealers in gum naval stores have been appointed to a gum naval stores industry advisory committee, the Office of Price Administration announced July 30.

The committee will meet with OPA at a later date for a discussion of provisions of the proposed price regulation that will establish permanent ceiling prices for gum rosin.

OPD Price Index

THE OIL, PAINT AND DRUG REPORTER'S relative record of prices for chemicals and related materials is currently as follows:—

July 28, 1944	July 21, 1944	July 30, 1943
136.9	136.2	137.6

The base of the OPD Price Index is the average of prices in 1926 and 1936, those years representing extremes of price undulations in the interwar period.

Price-boosting in botanical drugs and essential oils got in the running again last week, and gum naval stores got another boost. So, the general price level of the markets for chemicals, oils, and drugs was pushed up past the month's aggregate earlier reductions. The average is still well below the 1943 mark, and the essential oils group is the only one of the ten divisions that now stands higher than then.

Some additional tightness was developing in supplies of coaltar and other organic intermediates essential to the newer trends in munitions. There was a noticeable slackening of demand on stockpiles of other intermediates, especially in the pharmacal field. Little rosiness was given to the civilian outlook—men are much too scarce in war's necessary production.

Steel Drum Control Eased for Exports

The steel shipping drum order L-197, completely revised May 27, has been amended to simplify and clarify some points of procedure.

Schedule B products, which may not be packed in new steel drums for domestic shipment, will, under quota restrictions, be allowed new steel drums for export. These products include alcohol, and some oils and greases. The purpose of this change is to expedite the movement of drums for essential export use; previously, new drums for export of these products had to be obtained through appeal to WPB.

Quotas for all new steel drums, based on previous uses, are stated to belong to the purchaser of the drums whether he does or does not pack the product contained in them.

All drum quotas may now be established by authorization of the containers division, and need not involve a formal appeal.

Patent License Limits To Be Lifted by APC

Establishment of a committee in the Office of Alien Property Custodian to seek elimination of restrictive provisions from patent contracts entered into between American concerns and foreign owners of patents, or interests in patent agreements, which have been seized by the government, was announced July 28 by James E. Markham, Alien Property Custodian. The committee is headed by Ben W. Lewis, who was transferred from FEA to carry on this work.

A further function of the committee, Mr. Markham said, will be to renegotiate with exclusive licensees under formerly enemy-owned patents for their release from payment of further royalties in exchange for the release by them of their exclusive rights, thus making the patents involved in such licenses freely available to all potential users. A substantial number of chasers who had bought no new drums during the 1943 base period could obtain new drum quotas only through the granting of their formal appeal to WPB. The change in this procedure is expected to correct inequities and increase efficiency of operating, WPB said.

Dyestuffs Deliveries Reduced by WPB

Deliveries of class B and C dyestuffs for domestic civilian account and for export to Canada were ordered reduced to 15 percent of the amount so delivered in the same quarter of 1941 by action of the War Production Board July 28. Deliveries previously were limited to 17.5 percent.

The change was made in a revision of the dyestuffs conservation order M-103. It provides also for the establishment of special authorization procedure through WPB for delivery of additional quantities of class A, B, C and D dyestuffs when used in dyeing apparel for export under special programs contemplated by the government.

Lemon Oil Distribution Parley to Be Held Today

Nine importers of lemon oil, representing the essential oil industry advisory committee, met with A. L. Kalish, chief of the essential oil section of the War Food Administration Office of Distribution to consider an outline of distribution to be applied to imported oil of lemon. The importers were called to consult with the government representatives before a plan for allotting the scarce oil to manufacturing consumers is presented to the essential oil trade as a whole.

Such a plan will be laid before the trade at a meeting to be held July 31 at 10:30 a. m. in room 1001, 150 Broadway, New York. The whole trade is invited to attend, and their suggestions will be given consideration before the final promulgation of a distribution plan.

Obituaries

Dr. Frank J. Tone

Dr. Frank J. Tone, chairman of the board of the Carborundum Company, Niagara Falls, N. Y., and a pioneer in the developing of synthetic abrasives and refractories, died in his home July 26 after a prolonged illness. He was seventy-five years old.

Born in western New York in 1868, Dr. Tone graduated from Cornell University in 1891 with the degree of E. E. His connection with the chemical field dates from the inception of Niagara power in 1895 when he became associated with Dr. Edward G. Acheson in the development of carborundum as works manager and later as president of the Carborundum Company, Niagara Falls. He became one of the pioneers not only in the development of electric furnaces on a large scale, but also in the new abrasive art which began with electrothermally produced abrasives. Paralleling his achievements in this field, Dr. Tone was responsible for the application of these same products as refractories, thus initiating the super-refractories industry.

Dr. Tone was also the original producer of electrically fused mullite and spinel. Silicon carbide electric heating elements are also a result of his work. Dr. Tone's outstanding contribution in the electrometallurgical field was the development of a large scale process for producing silica metal, now widely used in making alloys of aluminum and steel and as a reducing agent in the manufacture of low carbon ferro alloys.

He was awarded the initial Jacob F. Schoellkopf Medal by the American Chemical Society, the Edward Goodrich Acheson Medal by the Electrochemical Society, the Perkin Medal by the American Chemical Society, and an honorary degree of Doctor of Science by the University of Pittsburgh. He is a member of the Society of Chemical Industry, American Chemical Society, the Electrochemical Society (past president), the American Institute of Mining Engineers, the American Institute of Chemical Engineers and the American Ceramic Society. He is the author of a score or more of technical articles, and has had many patents granted to him.

Dr. Tone retired as president of the Carborundum Company in 1942, after serving in that post since 1919. Surviving are his wife and two sons, Frank J. Tone, jr., vice-president of the Carborundum Company and Franchot Tone, stage and motion picture actor.

Walter B. Bidlack

Walter B. Bidlack, son of V. C. Bidlack, of the McCloskey Varnish Company, Philadelphia, was killed in action in France on "D-Day," June 6. He had been in England a year, and was promoted to first lieutenant in the 112th Engineers Corps. He was married February 16 to Corporal Barbara Griffith of the W.A.A.F. staff of the Royal Air Force.

Surviving are his wife, his parents and two brothers.

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Chemical Salesmen To Golf August 8

Salesmen's Association of the American Chemical Industry will hold its third golf tournament of the season at the Plandome Country Club, Plandome, L. I., August 8. Reservations are in charge of J. Robert Fisher, of the Fisher Chemical Company, 60 East Forty-second street, New York.

Mansfield Succeeds Auerbach In Consumer Durable Goods

Resignation of Alfred Auerbach, New York, as price executive of the consumer durable goods branch of the Office of Price Administration was announced July 30. He is being succeeded by Harvey C. Mansfield, Washington, who, as associate price executive for the last two years, has an intimate knowledge of the problems in this field.

Bion B. Howard, Evanston, Ill., who has been assistant to Mr. Auerbach, now is functioning as assistant price executive of the branch.

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Bids Wanted

Acetyl-Salicylic Acid:—10,000 boxes Treasury Department, Procurement Division, San Francisco 2, Calif; invitation SF-1055-45, opening August 2.

Aluminum Paint:—35 gallons, Supply Officer, Veterans Administration, Fort Bayard, N. Mex.; invitation 45-21, opening August 2.

Grapefruit Oil:—28,500 pounds, Chief, Procurement and Price Support Branch, Office of Distribution, War Food Administration, Washington (25); announcement Awd-164, opening August 7.

Lanolin, Anhydrous:—600 pounds, Purchasing Agent, Bureau of Engraving and Printing, Washington (25).

Lemon Oil, Distilled:—20,000 pounds, Chief, Procurement and Price Support Branch, Office of Distribution, War Food Administration, Washington (25); announcement Awd-163, opening August 7.

Sassafras Oil:—11,000 pounds, Chief, Procurement and Price Support Branch, Office of Distribution, War Food Administration, Washington (25); announcement Awd-162, opening August 7.

White Lead:—420 gallons, Treasury Department, Procurement Division, San Francisco 2, Calif; invitation SF-1053-45, opening August 2.

Washington Talks It Over

Observations • Prognostications • Developments

By OPD Observer

Manpower shortage in the industries producing for war has become the most critical problem now facing the government. Shortages are cropping up daily here and there, with but little indication that the job referral program which was put into effect the first of the month will do anything more than relieve the most extreme situations.

Some examples of how manpower shortages have been hitting the industries most important to the war program can be seen from appeals that went out from various quarters during the past ten days. The explosives and shell-loading industry is short 50,000 men; foundries are short 500 molders and thousands of common laborers; the forging industry is in dire need of 7,000 more men; synthetic tire manufacturers are short 6,000 men, necessitating a cutback in bus and truck tires for civilian needs to a new low in August.

It is thought now that it is too late for WMC to do much about correcting the situation for the simple reason that the feeling that the war will soon be over is so widespread that public sentiment can't be stirred up to the point where WMC can drive through a firm policy that might inconvenience workers. Before the opening of the second front, such a policy could have been put into effect. But now too many people think that the opening of the second front has won the war and it is just a question of mopping up.

Penicillin Needs Larger

For some time there has been a steady increase in the amount of penicillin made available each month for civilian needs, but it appears now that civilian quotas of the new drug have about reached their peak. August and September allocations for civilian needs are expected to be about the same as those of July, and may continue at this level until there is a break in the war situation.

The producers of the new drug are continuously turning out large quantities, but the military is calling for larger and larger amounts; so that it is impossible to add to civilian allotments. There is no langer, however, that the amount going for civilian use is to be cut. Sufficient quantities are being produced to meet the stepped-up military needs while maintaining the present levels for civilians.

Incidentally, three of the producing firms are now labeling their product with a one-year life potency. Most others still carry a six months date and a few are dating theirs for nine months. No one yet knows accurately the life potency of penicillin; only time can get this answer.

Steel Drum Surpluses

Surplus supplies of the military forces' steel drums are now beginning to flow into the Procurement Division of the Treasury for sale by the surplus property division. During the past sixty days more than 270,000 drums of 55-gallon capacity have been turned in and about half of this number have been sold already.

This is but a small part of the number which eventually will be made available to business. Estimates have ranged as high as 2,000,000 steel drums of various types and sizes that will be turned loose but not all at one time under the present plans of the agency.

The drums which the Surplus Property Division still has on hand from the initial lot turned over to it are currently being offered to wholesalers, farm cooperatives, oil companies, and other in-the-trade distributors. Interested purchasers can get more information on these drums from any one of the Treasury's regional offices in Boston, New York, Cincinnati, Chicago, Atlanta, Fort Worth, Kansas City, Denver, San Francisco, or Seattle.

Arsenic Mine to Close

The story behind the recent announcement by WPB that production of arsenic next year may fall short of the 1944 output is the fact that we are just about ready to lose one of our important sources of the ore from which arsenic is made—the Gold Hill Mines of Utah.

These are old mines, which served their purpose in World War I, were put back into use to meet the needs of arsenic in World War II, but the ore deposit is now running out and it may be necessary to close down the mine entirely within a few months. Just how important an effect this will have on the supply and demand situation will be clearer after the claiming agencies have put in their requests at the end of the third quarter. Right now the picture cannot be described as alarming for the farmers. Supplies of calcium arsenate are more than adequate and because of the hot, dry Summer, the cotton farmers who are among the biggest users aren't threatened with extensive boll weevil damage this year.

Gasoline Saving Sought

OPA is going to get tough about this time with holders of B and C gasoline ration cards who use their cars for home-to-work driving and who can but don't get into car-sharing pools. The local boards are under orders, effective August 1, to require that such persons apply every thirty days for supplemental gasoline rations instead of every ninety days as at present.

The kind of car club OPA wishes to encourage by this policy is that in which the members rotate the use of cars, ride together, and leave at home cars that would otherwise be using up gasoline, rubber, and parts. By riding together, members of such a car pool use each car only one day out of four or five, and thus can reduce their total gasoline consumption by as much as 80 percent.

Naval Contract Terminations

The navy has decided against setting up any separate organization to have overall jurisdiction over the handling of its contract terminations; instead, it is placing the operating responsibility over terminations in the respective bureaus having to do with procurement of materials. The reason for this is that the navy does not see any likelihood of a net reduction in its procurement program for some time, and thus both terminations and other phases of industrial readjustment are subordinate to the main task of procuring material for the fighting fleet.

Each of the bureaus has set up the nucleus of units for handling contract terminations and the disposition of property, and as and when there is a net reduction in the navy's procurement program, officers presently completely occupied with buying functions will gradually become assigned to terminations. It is expected that a considerable share of the termination burden will be carried by the navy's extensive field organization, and in expectation of this activity a manual is being prepared for issuance soon showing the specific duties of the field personnel, with particular emphasis on the handling of inventory, disposition of surplus property, and claims of contractors.

Medicine Buying Grows

The American public spent more for drug preparations and sundries in the year 1942 than at any other time in history. And contrary to what might have been expected, our entry into the war, instead of reducing purchases because of the entry of the men into military services, actually was followed by the greatest increase in such expenditures ever recorded in any one year.

The authority for the statement is the Department of Commerce's latest survey of current business reporting on consumption expenditures by types of products each year from 1929 through 1942. The 1942 expenditure for drug preparations and sundries went up to $794,200,000 in 1942, about 12 percent more than in 1941, 47 percent more than the bottom-depression year 1933, and 29 percent more than in 1929.

—*Continued on page 37*

Chemical Producers May Get Price Adjustments

OPD Washington Bureau

Three classes of producers of chemical and drug commodities on which factory costs have risen to the point where such producers can no longer continue to produce and sell their products at prices "frozen" at March, 1942, levels may apply for adjustment of ceiling prices for these products, the Office of Price Administration has announced.

OPA's action, effective August 3, provides that no increase can be granted unless OPA finds that essential or low-priced supply cannot be obtained in any other way. Increases will be restricted to the amount of increase in factory cost to the producer since the commodity's maximum price was originally established and in the case of a low-priced seller the adjustment is also limited by the level of competitor's prices. The producer's over-all operating position will also be a factor considered, OPA said.

In the case of increases granted to producers, OPA will determine the amount, if any, by which the increases may be passed on by resellers of the products.

Subject to provisions of the new amendment are those commodities under the jurisdiction of OPA's Chemicals and Drugs Price Branch in the following categories:—Coaltar and coaltar derivatives, heavy chemicals, industrial paints and other industrial protective coatings, resins and plastics, soaps and cleansers, miscellaneous chemicals, drugs, and cosmetics, insofar as these commodities are subject to the General Maximum Price Regulation. The three classes of pro-

—*Continued on page 62*

Fertilizers Retail Ceiling Clarified

OPD Washington Bureau

A nation-wide simplified retail schedule of uniform dollar-and-cents ceiling prices on mixed fertilizers, superphosphate, potash and nitrogenous materials has been issued by the Office of Price Administration. The new prices, effective August 1, are included in a revised regulation of fertilizers, which clarifies the technical language of the previous regulation and incorporates the pricing of nitrogenous materials previously under another regulation (Revised Maximum Price Regulation No. 108).

The general national level of fertilizer prices is not increased by today's action. They are higher in some sections of the country, but lower in others.

The regulation contains eighteen tables of maximum prices, each applicable to certain geographical sections of the country. These areas vary in size from twelve States to a single county.

Also, if the fertilizer is delivered to the consumer's premises, he may be charged an additional trucking fee as established for his county by the regulation. (Each local War Price & Rationing Board will have copies of a trade bulletin on these fertilizers available to all persons. These bulletins will contain the retail prices, discounts and trucking allowances applicable to these commodities in that particular county.)

Paperboard Regulation Tightened by WPB

OPD Washington Bureau

The paperboard situation is becoming worse from the standpoint of containers. The War Production Board has been obliged to tighten up the provisions of regulations M-378 covering the use of paperboard, including folding boxboard, setup boxboard, and some miscellaneous grades of paperboard.

In order to receive shipments of paperboard after August 7, everyone except jobbers or small users must file a report with WPB before that date, stating the tonnage of products made from paperboard during the first quarter of 1944, defining the products, and estimating proposed third-quarter production. The reports will be used as the basis for preparation of a paperboard authorization system for the fourth quarter, commencing October 1, similar to the procedure that has been established for containerboard control under order M-290.

WPB Rubber Office To Be Liquidated

OPD Washington Bureau

Liquidation of the Office of Rubber Director, first of the war agencies voluntarily to close its doors, was under way this week following announcement by Director Bradley Dewey July 25 that the job set out for his office of developing a synthetic rubber industry that could absorb the shock of loss of our natural rubber supply sources to the Japs has been completed and that he was leaving his post at the end of August.

Mr. Dewey, who has been a dollar-a-year man since he was called to Washington two years ago to assist in development of the synthetic rubber program, first as deputy to William Jeffers, who was named Rubber Director when the office was established under Presidential order, and then as director when Mr. Jeffers resigned, is returning to the presidency of his concern, Dewey & Almy Chemical Company, Cambridge, Mass., which produces a special purpose variety of synthetic rubber.

The remaining problems of the industry, which are no different now, Mr. Dewey said, than are those faced by other war industries—chiefly manpower—are being transferred to the War Production Board, to be handled by a special division under the Executive Vice Chairman's Office. Formal approval of the change over had been given by WPB just prior to Mr. Dewey's announcement, and the action

—*Continued on page 57*

Fatty Acid Makers To Advise OPA

OPD Washington Bureau

Representatives of virtually every manufacturer engaged in the business of distilling and splitting fatty acids of various types have been appointed to a committee that will assist the Office of Price Administration in formulating pricing actions affecting the industry. Members of the committee, known as the Fatty Acid Manufacturers Industry Advisory Committee, are as follows:

H. G. Bissinger, of E. F. Drew & Co., New York; Phillip Brendel, of the Southern Cotton Oil Company, New York; Howard Dock, of the M. Werk Company, Cincinnati; R. A. Duncan, of the Procter & Gamble Company, Ivorydale, Ohio; Edward W. Freundt, of Armour & Co., Chicago; Frank C. Haas, of the Werner G. Smith Company, Cleveland, Ohio; Dr. W. T. Reddish, of the W. C. Hardesty Co., New York; A. W. Schubert, of Emery Industries, Inc., Cincinnati, Ohio; August J. Spieler, of the Celina Stearic Acid Company, Celina, Ohio; Clarkson Taylor, of Harknew & Cowing Company, Cincinnati; D. L. Weatherhead, of Darling & Co., Chicago; Stanley Goranflo, of Wilson & Co., Philadelphia; David Mahany, of A. Gross & Co., New York; and A. G. H. Reimold, of the Woburn Chemical Co., Harrison, N. J.

OPA Forms Gypsum Advisory Group

OPD Washington Bureau

Appointment of ten representatives of producers of gypsum to an industry advisory committee has been announced by the Office of Price Administration. Members appointed to the industry advisory committee are:—

James Bale, of the Grand Rapids Plastar Company, Grand Rapids, Mich.; F. C. Ebsary, of the Ebsary Gypsum Company, New York, N. Y.; Frank Sadler, of the United States Gypsum Company, Chicago; Henry Collins, of the Celotex Corporation, Chicago; John C. Best, of the National Gypsum Company, Buffalo, N. Y.; J. L. Fennell, of the Certain-teed Products Corporation, Chicago; A. R. Moylan, of the Schumacher Wall Board Corporation, South Gate, Calif.; W. J. Van Valkenburgh, of the Blue Diamond Corporation, Los Angeles, Calif.; M. S. Gutman, of the Cardiff Gypsum Company, Chicago; Vincent S. Villard, of the Newark Plaster Company, Newark, N. J.

A.C.S. Rubber Div. Annual Meeting Cancelled

Because of wartime conditions, the Rubber Division of the American Chemical Society has cancelled its 1944 annual meeting, scheduled for New York City in mid-September, Harold Gray, chairman of the division, has announced. Mr. Gray is technical superintendent of the B. F. Goodrich tire division here.

Blend it with
"2-2-4"

(2-Methyl-2,4-pentanediol)

2-Methyl-2,4-pentanediol is an extremely versatile blending agent because it is miscible with such a wide variety of dissimilar liquids. Water, petroleum naphtha, coal tar hydrocarbons, castor oil, and the common alcohols, esters, and ketones are all miscible with "2-2-4." It thus serves as a coupling or stabilizing agent, as well as a useful plasticizer, and a mild humectant.

The limited quantities now available are used in such preparations as metal cutting oils, rustproofing compounds, metal cleaners, textile lubricants, mercerizing assistants, dry cleaner supplies, duplicator fluids, and vat dye printing pastes.

A special grade of "2-2-4"... recommended for use in products where minimum odor is important... is obtainable at a slight premium. It is used in such products as hand lotions, face creams, shampoos, shaving creams, hair tonics, and other cosmetics. When requesting samples, please specify which grade is desired.

Substances miscible with "2-2-4"

Acetone
Aminomethylpropanol
Benzene
Butanol
Butyl acetate
n-Butyl ether
Carbon disulfide
Carbon tetrachloride
Castor oil
Chloroform
Diacetone
Dibutyl phthalate
O-Dichlorobenzene
1,4-Dioxane
Ethanol
Ethyl acetate
Ethylene dichloride
Ethylene glycol
Ethyl ether
Gasoline (aviation)
Glycerine
Isopropanol
Mesityl oxide
Methanol
β-Naphthol
Nitroparaffins
Petroleum naphtha (light)
Toluene
Tributyl phosphate
Triethylamine
Water

PROPERTIES

Molecular Weight: 118.17
Specific Gravity: 0.922 at 20°/20°C
Distillation Range: 192°C to 199°C at 760 mm of Mercury
Refractive Index: 1.4282 at 20°C
Melting Point: Becomes semi-solid at −40°C with no crystal formation
Flash Point: 94°C (201.2°F)
Vapor Pressure:

Temperature °C	Vapor Pressure mm of Hg
90	8.5
100	14.3
120	41.3
140	104.1
150	159.3
160	237.7
180	494.7
190	692.1

Saybolt Universal Viscosity: 75°F/2 mins 51 secs; 32°F/17 mins 9 secs
Specific Heat: 0.44 at 20°C
Volumetric Heat Capacity: 0.405 cal/cc/°C at 20°C

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DDT Use on Crops Studied on West Coast

Research men on the West coast are enthusiastic about the use of DDT for the protection of food crops, Dr. G. F. MacLeod, of the War Food Administration, told the DDT Producers Industry Advisory Committee recently, the War Production Board has reported. Back from a trip to that area, Dr. MacLeod described his inspection of large field experiment stations where DDT was being used for protecting crops of apples, onions, oranges and grapes. The results, he said, would indicate a remarkably high degree of control over insects that normally cause extensive damage to the crops.

While these experiments are not yet completed, Dr. MacLeod pointed out, DDT promises to be very useful in protecting crops, provided safety elements are satisfactory. It is not, however, ready yet for general public use, Dr. MacLeod said.

Present producers of DDT are: Merck & Co., Rahway, N. J.; Hercules Powder Co., Wilmington, Del.; Cincinnati Chemical Work, (an affiliate of J. R. Geigy, Basle, Switzerland), Cincinnati, Ohio; E. I. Du Pont de Nemours & Co., Wilmington, Del.; General Chemical Company, New York; Monsanto Chemical Co., St. Louis, Mo.; Elko Chemical Works, Clinton, N. J.; J. T. Baker Chemical Company, Phillipsburg, N. J.; Sherwin Williams Company, Chicago.

Prospective producers not yet in volume production are: Pennsylvania Salt Manufacturing Company, Philadelphia Michigan Chemical Company, St. Louis, Mich.; American Home Products Company, New York; Pharma Chemicals Company, New York.

Paint Show Cancelled By PVPC Federation

The executive committee of the Federation of Paint and Varnish Production Clubs has decided that no paint show will be held this Fall in connection with the annual technical meeting. The committee states its position thus:—

The educational value of exhibits of new raw materials and equipment is well understood, as is also the great need today of technical data on new materials currently available for the war effort and essential goods.

After due consideration of these needs and of the increasing demand for railroad space for the accelerated war effort at all points, due to the European situation and the increased tempo of war on all fronts, the priority in transportation properly due those injured on the war fronts, the more critical manpower situation and the lessening personnel in our own plants with greater demand on us to serve the war effort, the committee reluctantly came to its decision not to hold a show this year.

For the same reasons which brought about this decision, others are requested to cooperate and to refrain from holding exhibits in hotel rooms.

N.P.V.L.A. Convention To Discuss Postwar

The "Convention at Home" of the National Paint, Varnish and Lacquer Association, which was authorized by the executive committee at its recent meeting to take the place of a regular convention which had been tentatively planned, but was cancelled because of wartime transportation and hotel conditions, has been scheduled for October 25, 26 and 27, 1944—the same dates as had been scheduled for a regular annual meeting in New York.

Suggestions for subjects or questions which might be of general interest and answered on the convention program are solicited by President Ernest T. Trigg of the National Association, and may be sent to him at National Headquarters, 1500 Rhode Island Avenue, N. W., Washington 5, D. C.

Blaustein Accounting Suit Dismissal Upheld

The New York Court of Appeals has affirmed an Appellate Division decision dismissing an accounting suit brought by executors of the estate of Louis Blaustein against the Pan American Petroleum Transport Company, the Standard Oil Company of New Jersey and the Standard Oil Corporation of New Jersey. The suit was originally entered in 1934 by Mr. Blaustein, then president of the Pan American company and his son, Jacob, vice-president.

Industrial Applications of Chemicals and Related Materials

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(Parenthetic figures are the numbers of patents in the United States or other countries; as designated)

4-Anilino-1-methyl-1:2-dihydrobenzofuran

Fats, Oils, and Waxes—Antioxidant (Brit. 542216 and 542217) for fats and oils

Insecticide and Fungicide—Antioxidant (Brit. 542216 and 542217) for insecticidal agents

Rubber—Antioxidant (Brit. 542216 and 542217) for rubber

Betapara-tertiary-butylphenoxyethoxyethyldiethanolamine

Adhesives—Wetting agent (U.S. 2229024) in various adhesive preparations

Chemical—Wetting agent (U.S. 2229024) in making emulsions of various chemicals, textile lubricants

Cosmetic—Wetting agent (U.S. 2229024) in creams, hand lotions, and the like

Disinfectant—Wetting agent (U.S. 2229024) in disinfecting and germicidal compositions

Dry Cleaning—Wetting agent (U.S. 2229024) in dry-cleaning solutions

Dye—Wetting agent (U.S. 2229024) in pastes and solutions

Fats, Oils, and Waxes—Wetting agent (U.S. 2229024) in boring, cutting, drilling, and wire-drawing oils, greasing and lubricating compositions, sulphonated oils, wax preparations

Firefighting—Wetting agent (U.S. 2229024) in solutions for extinguishing brush fires

Ink—Wetting agent (U.S. 2229024) in lithographic, printing, and writing inks

Insecticide and Fungicide—Wetting agent (U.S. 2229024) in insecticidal and fungicidal compositions, horticultural sprays

Leather — Wetting agent (U.S. 2229024) in dressing, fat-liquoring, finishing, soaking, softening, tanning, waterproofing compositions

Metallurgical—Wetting agent (U.S. 2229024) in metalplating processes, metal-cleaning baths, scouring agents for metals, solvent-degreasing processes

Miscellaneous—Modifier of surface tension of liquods in various products and processes

Softening agent for fibers

Wetting agent (U.S. 2229024) in beer-glass coasters, cleaning compositions for windows, glassware, tugs, and upholstery, embalming fluids, ink removers, polishing compositions for furniture, automobiles, metals, wood, glass, shoes, and other articles, soldering fluxes, various processes involving aqueous solutions, such as soaking, washing, impregnating, penetrating, wetting, wallpaper removers, waterproofing compositions, water sprays for settling dust

Paint, Varnish, and Lacquer—Wetting agent (U.S. 2229024) in lacquers, paints, varnishes, pigment manufacture

Paper—Wetting agent (U.S. 2229024) in beater operations, dye liquors, felt conditioning, felt-cleaning agents, sizing compositions, waterproofing compositions, waxing compositions

Petroleum—Wetting agent (U.S. 2229024) in acid treatment of oil wells, cutting oils, mineral oil, pitch and tar compositions

Photographic—Wetting agent (U.S. 2229024) in blueprint and photographic processes

Rubber — Wetting agent (U.S. 2229024) in cements

Soap—Wetting agent (U.S. 2229024) in detergent compositions, textile soaps

Textile — Wetting agent (U.S. 2229024) in bleaching baths, coating compositions, dye baths, scouring, sizing, washing, waterproofing, and waxing compositions

Duroquinol Dioctadecylether

Pharmaceutical — Claimed (U.S. 2247364) to have vitamin activity

Gammachlorobetahydroxypropyl Hydrogen-Succinate

Dye—Starting point (Brit. 545251) in making fast, water-soluble blue-green dyes for cellulose esters and ethers by condensing with 1:4:5-triamino-8 - para - aminoanilinoanthraquinone

2-Hydroxy-3:5-digammamethylgamma-N-amyldiphenyl

Disinfectant—Claimed (U.S. 2248401) as disinfectant

Miscellaneous — Claimed (U.S. 2248401) as preservative

Suggested as preservative for various products, such as adhesives, albumin, blood, carbohydrates, casein, dextrin, flaxseed, glue and gelatin, gums, industrial pastes and sludges, inks, latex, leather, leather finishes, moss, paints and distempers, paper finishes, sizes, and coatings, proteins, sizes, starch.

Polyvinyl Chloride Scrap (Off Grades)

Adhesives — Material for making glue applicators, mending tape

Food—Material for making packaging gaskets

Mechanical — Material for making gaskets, molded machine tool parts, packing, washers

Miscellaneous—Material for making baby crib sheeting, baby pants, ordinary and industrial protective clothing, fountain pen sacs, industrial molded items, pencil erasers, shampoo spray tubing, shoe soling, transportation upholstery fabrics, typewriter platens

Printing—Material for making inking rollers

Rhodium Stearate

Ceramic — Pigment for decorating chinaware, porcelain, and pottery (applied dissolved in naphtha; when fired, the metal is left behind as a very thin deposit; it is usually applied as a transfer)

Sanga Wood

(A tree indigenous to South Africa)

Miscellaneous—Substitute for cork and rubber as stoppers or closures for bottles (the wood is first compressed and then soaked in water for several hours to restore it to the original volume)

Tetrahydrofurfuryl Oleate

Chemical—Organic chemical yellow to light-brown in color, molecular weight 366.5, refractive index 1.4640, specific gravity 0.926 (15.5°/15.5°C.), insoluble in water, soluble in alcohols, esters, ketones, hydrocarbons, and chlorinated solvents

Miscellaneous—Suggested as plasticizer (aids in imparting flexibility at low temperatures) for polyvinyl chloride in making chemically-resistant linings, electric insulation, incombustible materials, impregnating agents, printing blankets, rubber replacements, suspenders and belts, waterproofings, wrappers, and other articles

Zinc Tetra-ammonionitrate

Explosives—Density increaser (Brit. 544582) in ammonium nitrate explosives

Sensitivity increaser (Brit. 544582) in ammonium nitrate explosives

Data similar to those above on Uses and Applications of **5167** *Chemicals and Related Industrial Materials in one 665-page book* **$10**

DuPont Denies Antitrust Charges

A categorical denial that it has violated the antitrust laws in its agreements and operations on patents and other matters with Imperial Chemical Industries, Ltd., and others is made by E. I. duPont de Nemours & Co., Wilmington, Del., in its answer, filed July 26 in New York, to the antitrust suit brought by the Department of Justice last January.

Admitting agreements on patents and processes with Imperial Chemical Industries, the duPont company averred that these were designed to encourage the interchange of technologic knowledge and to assist in the development of valuable commodities for the markets of the United States. These broadened the use and lowered the price of such goods, the company declared, comparing a 34-percent decrease in the price index of its principal products between 1928 and 1943 with an increase of 5.5 percent in the Department of Labor index of chemical prices. Control of domestic markets was denied, and the point was made that, according to 1939 official records, the duPont company's share in United States production of chemicals and related products was less than 8 percent. Its export sales were in similar proportion.

With reference to the formation of jointly owned subsidiaries with Imperial Chemical Industries in various foreign markets, the duPont company declares that these were necessitated by the spreading rise of nationalism and were necessary to get foreign markets for United States goods in the face of economic and political barriers to international trade. These joint companies are declared to have developed foreign markets for United States goods in general; the duPont company's agreements not to compete in certain markets with Imperial Chemical Industries are said to lie largely in fields where competition on the part of United States industry has never been substantial because of restrictive barriers.

Taking sharp issue with the government's charge that its relations with Imperial Chemical Industries were part of a restrictive cartel with reference to chemical commodities, the duPont company requests the District Court of the United States for the Southern District of New York to discuss the government's suit.

Pharmaceutical Research Grants Are Available

Limited funds for research grants are available from the committee on pharmaceutical research of the American Pharmaceutical Association. Grants will be made by the council of the association, on recommendation of the committee, on the following premises:—

(a) The extent which the award will serve to promote Pharmaceutical Research.

(b) Whether the award supplements the A. Ph. A. laboratory program.

(c) The qualifications of those who will perform the work for which the award is made and the facilities of the laboratory where the research will be conducted.

(d) Preference will be given to applications wherein the award will supplement a contribution from the institution or laboratory in which the research will be conducted.

Particulars and application blanks may be got from the chairman of the research committee, Ivor Griffith, Forty-third street and Kingessing avenue, Philadelphia 4.

ASF Daily Work Schedule to Be Upped

A one-hour increase in the daily working schedule of all war industries operated by the Army Service Forces which have backlogs of accumulated orders was ordered into effect immediately July 26 by the War Department. Effect of the order is to extend the workweek in the establishments from its present 48 hours to 54 hours, and it applies to all ASF installations and offices except those already on a three-shift basis.

The War Department said the increase was designed "to meet a critical situation in the Army Service Forces arising from an accumulation of unfinished work." The new hours apply to both military and civilian personnel.

OPD—7-31-1944

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San Francisco: Braun-Knecht-Heimann-Co. • Los Angeles: Braun Corp. • Seattle, Portland, Spokane: Van Waters & Rogers, Inc. • Canada: Richardson Agencies, Ltd., Toronto.

Current Market Quotations Chemicals and Related Materials

July 28, 1944

Unless otherwise indicated, quotations are first-hands on large lots, f.o.b. New York. Price changes and trends are noted in the market reports, with other informative comment. The locations of these reports are given in the table of contents on page 4.

All matters under this heading fully protected by copyright.

A

Acacia (see Gum, Arabic).

Acetaldehyde,[4,6] 99%, dms., 55 and 110 gals., works..lb. .11 - —
5 and 10 gls., works.....lb. .14 - —

Acetaldol (see Aldol).

Acetamide, CP, fib. dms., 5,000 lbs. a year, works..lb. .36 - —
smaller lots, works.....lb. .38 - .70
tech., fib. dms., 5,000 lbs. a year, works..lb. .28 - —
smaller lots, works.....lb. .30 - .60

Acetanilide, tech., cryst., bbls.lb. .29 - .31
powd., bbls.lb. .27 - .29

USP, cryst., bbls.lb. .36 - .37
dms.lb. .42 - —
kgs.lb. .37 - .38
powd., bbls.lb. .34 - .35
dms.lb. .38 - .40
kgs.lb. .35 - .36

Acetoacetanilide, bbls., dms...lb. .49 - .67

Acetone, CP,[1,6] dms., c.l., dlvd. E.*..lb. .08 - —
l.c.l., dlvd. E.*.....lb. .08½ - —
tanks, dlvd. E.*.....lb. .07 - —

* OPA ceiling for East; Western ceiling, ¼c. per lb. higher.

Methyl (see M).

Acetonitrile, dms., c.l., works..lb. .60 - —
l.c.l., works.....lb. .75 - —
5-gal. lots, works.....lb. .80 - —
less than 5-gal. lots, works, lb. .90 - —

Acetophenetidin, bbls., kgs., 1,000 lb. lots..lb. 1.00 - —
dms.lb. 1.08 - 1.10

Acetophenone, cns., dms.....lb. 1.55 - 1.60

Acetyl chloride, cbys., works..lb. .60 - —

Acid, abietic, dms., c.l., wks..lb. .07½ - —

Acetic,[1,6] com'l or redist., 29%, bbls....100 lbs. 3.38 - 3.63
50%, bbls.....100 lbs. 5.58 - 5.83
70%, bbls.....100 lbs. 6.68 - 6.93
80%, bbls.....100 lbs. 7.47 - 7.72
glacial, nat., CP, cbys.100 lbs.13.50 -13.75
99.5%, bbls.....100 lbs. 9.15 - 9.40
tanks, works.....100 lbs. 6.93 - —
USP, cbys.....100 lbs.11.70 - —
synth, CP, dms., works..... 100 lbs.12.50 -13.50
99.5%, bbls., works.100 lbs. 9.15 - 9.40
dms., works.....100 lbs. 9.25 - 9.75
tanks, works.....100 lbs. 6.93 - —
USP, dms., works.100 lbs.10.50 -11.00
pure, 30%, bbls.....100 lbs. 4.41 - 4.69
36%, bbls.....100 lbs. 4.86 - 5.11
60%, bbls.....100 lbs. 7.60 - 7.85
80%, bbls.....100 lbs. 9.26 - 9.51

Acetic acid price ranges above are for c.l. and l.c.l. quantities. Carboys and cases are 50c. per 100 lbs. higher.

Acetic, anhydride,[6] dms., c.l., frt. alld..lb. .11½ - —
l.c.l., frt. alld.....lb. .13 - —

Acetylsalicylic,[1] special, USP, bbls., makers, primary distrib., point of shipm't, 100-lb. lots..lb. .45 - —
smaller lots, same basis..lb. .46 - .59

Standard USP, fine cryst., gran. (20-40 mesh), powd. (50 mesh), 200-lb. bbls., same basis..lb. .40 - —
smaller lots, same basis, .40 - .54

Freight equal'd, shipment identical quantity over standard routes, from N. Y. City, Phila., Midland, Mich., Chicago and St. Louis.

Adipic, fib. dms., works.....lb. .31 - —

Aminoacetic, USP (see Glycine).

Anthranilic, resub., bbls.....lb. 1.20 - 1.25
tech., bbls.....lb. .95 - —

Arsenous,[6] tech. (see Arsenic, White).
USP, powd., dms., kgs....lb. .20 - .22

Ascorbic,[2,6] USP, 500-kilo lots, dms..kilo.24.50 - —
30-kilo lots, dms.....kilo.25.00 - —
10-kilo lots, dms.....kilo.25.35 - —
2½-kilo lots, dms.....kilo.25.70 - —
1-kilo lots, dms.....kilo.26.41 - —
500-gram lots, bots.....kilo.27.47 - —

Battery, cbys., c.l., E. works, 100 lbs. 1.60 - —
10-25, E. works.....100 lbs. 1.95 - —
1-9, E. works.....100 lbs. 2.55 - —

Benzoic, tech., bbls., 4,000 lbs. or more..lb. .43 - —
1,000 to 3,900 lbs.....lb. .44 - —
900 lbs. or less.....lb. .47 - —
USP, bbls., 4,000 lbs. up..lb. .54 - —
1,000 to 3,900 lbs. up....lb. .55 - —
900 lbs. or less.....lb. .58 - .59
dms., 4,000 lbs. up.....lb. .55 - .56
1,000 to 3,900 lbs.....lb. .56 - .57
900 lbs. or less.....lb. .59 - .60

Betaoxynaphthoic, bbls., f.o.b. works..lb. .95 - —

Boric,[2] tech., 99.5% cryst., (same as prices for powder), gran., bgs., c.l., frt. alld., ton.99.00 - —
ton lots, ex whse..ton.111.00 - —
less than ton lots, ex whse..ton.116.00 - —
bbls., c.l., frt. alld..ton.109.00 - —
ton lots, ex whse..ton.121.00 - —
less than ton lots, ex whse..ton.126.00 - —
bulk, frt. alld.....ton.95.50 - —
powd., bgs., c.l., frt. alld., ton.104.00 - —
ton lots, ex whse..ton.116.00 - —
less than ton lots, ex whse..ton.121.00 - —
bbls., c.l., frt. alld..ton.114.00 - —
ton lots, ex whse..ton.126.00 - —
less than ton lots, ex whse..ton.131.00 - —
USP $25 per ton higher.

Butyric, 90%, dms., c.l., works, lb. .22 - —
l.c.l., same basis.....lb. .23 - —
tanks, same basis.....lb. .21 - —

Broeners, bbls.....lb. 1.11 - —

Cacodylic, 5-lb. bots.....lb.22.00 - —

Acid, camphoric, cns.....lb. 6.95 - 7.00

Capric, tech., dms., returnable, lb. .21½ - .22

Caprylic, tech., dms., returnable, lb. .27 - .27½

Castor oil,[5] split, dms., ret..lb. .20¾ - .21¼

Chlorosulphonic, dms., c.l., wks., lb. .03 - —
l.c.l., works.....lb. .03½ - .04½
tanks, works.....lb. .02½ - —

Chromic,[6] 99½-99¾%, dms., c.l., lb. .16¼ - —
l.c.l. .....lb. .16¾ - .18¼

Cinnamic, ref'd, bots.....lb. 3.50 Nom.

Citric,[1,6] anhyd., gran., dms. c.l..lb. .22½ - —
10,000 lbs., 1 ship't...lb. .23 - —
smaller lots.....lb. .23½ - .26¼
kgs.....lb. .24 - —
cryst., gran., bbls., c.l....lb. .20 - —
10,000 lbs., 1 ship't...lb. .20¼ - —
smaller lots.....lb. .23 - .24
kgs.....lb .21¼ - —

Powd. citric acid, ½c. higher.

Cleve's, bbls.....lb. .65 - —

Coconut oil,[1,6] dist., dms....lb. .15½ - .17½

Corn oil, s.d., dms., c.l., works, lb. .12 - —

Cottonseed oil,[1,6] s.d., dms. c.l..lb. .12 - —
tanks, dlvd.....lb. .14¼ - —

Cresylic,[6,6] (coaltar), high-boil 50% (210°-215°), low boil 50% (204°-206°), and special blends, dms., c.l., works, frt. equald..gal. .81 - —
l.c.l., same basis....gal. .83 - —
tanks .....gal. .75 - —

(Petroleum), heavy grade (247°-298°), 20 dms., Cal. ref..gal. .490 - —
Sewaren, N. J., ref..gal. .616 - —
1-19 dms., Cal. ref....gal. .510 - —
Sewaren, N. J., ref..gal. .636 - —
tanks, dlvd.....gal. .586 - —

light grade (200°-246°), tanks, Cal. ref..gal. .690 - —

medium grade (220°-246°), 20 dms., Cal. ref..gal. .550 - —
Sewaren, N. J., ref..gal. .676 - —
1-19 dms., Cal. ref....gal. .570 - —
Sewaren, N. J., ref..gal. .696 - —
tanks, dlvd.....gal. .646 - —

Diethylbarbituric (see Barbital).

F (see Acid, Monosulphonic).

Formic, dom., 90%, cbys., c.l., works..lb. .10½ - —
l.c.l. .....lb. .11 - .11¼

Fumaric, tech., bbls., dms...lb. .27 - .31

Gallic, NF VII, bbls.....lb. 1.27 - 1.30
fib. dms.....lb. 1.32 - —
technical, bbls.....lb. 1.10 - 1.13

Gamma, bbls.....lb. .85 - —

Gluconic, bbls., 500 lbs.....lb. .12 - —
dmjn. .....lb. .21 - .23
kgs., 100 lbs.....lb. .14 - .15

Glutamic hydrochloride, dms., lb. 2.00 - 2.40

H, bbls.....lb. .45 - —

Hydriodic, 45-47%, cbys.....lb. 2.42 - 2.44
5-lb. bots.....lb. 2.57 - —
57%, bots.....lb. 2.90 - —

Hydrobromic, conc., cbys....lb. .35 - —
dil., cbys.....lb. .20 - —

Hydrochloric (see Muriatic).

Hydrocyanic, cyls., works....lb. .80 - 1.00

Hydrofluoric, anhyd.,[6] cyls., works..lb. .19 - .19½
tanks, works.....lb. .16 - —
30%, rubber dms., works...lb. .08 - .09
48%, rubber dms., works...lb. .12 - —
52%, rubber dms., works...lb. .12½ - —
60%, rubber dms. works...lb. .13½ - —

Hydrofluosilicic, 30-35%, bbls.lb. .06 - .09

Hydroxyacetic, 70% tech., bbls., non-return., Phila..lb. .084 - —
tanks, works, basic acid content..lb. .08½ - —

Hypophosphorous, USP, djns. lb. .75 - .80

Lactic, edible, 50%, cbys., 20 or more..lb. .12½ - —
5 to 19.....lb. .13 - —
1 to 4.....lb. .13½ - —
80%, bbls., cbys., 5 or more.. lb. .24¼ - —
1 to 4.....lb. .24¾ - —
plastic grade, bbls., cbys., 20 or more..lb. .14¼ - —
5 to 10 cbys.....lb. .14¾ - —
1 to 4 cbys.....lb. .15¼ - —
tech., dark, 22%, bbls., c.l. works..100 lbs. 2.90 - —
l.c.l., works.....100 lbs. 3.15 - —
cbys., works.....100 lbs. 4.15 - —
44%, bbls., c.l., works.... 100 lbs. 6.30 - —
l.c.l., bbls., works..... 100 lbs. 6.95 - —
cbys., works.....100 lbs. 7.95 - —
light, 22%, bbls., c.l., works. 100 lbs. 3.90 - —
l.c.l., works.....100 lbs. 4.15 - —
cbys., works.....100 lbs. 5.15 - —
44%, bbls., c.l., works.... 100 lbs. 7.80 - —
l.c.l., works.....100 lbs. 7.55 - —
cbys., works.....100 lbs. 8.55 - —
USP XI, 85%, cbys.....lb. .54 - .57
USP VIII, 75%, cbys.....lb. .52 - .55
Lauric, dist., tech., dms.....lb. .20 - .20½
Laurent's, bbls.....lb. .45 - —
Linseed oil,[5] light, dms.....lb. .21½ - .22
Maleic,[6] powd., dms.....lb. .30 - —
anhydride, dms., c.l.....lb. .26 - —
l.c.l. .....lb. .26 - —
Malic, powd., kgs.....lb. .47 - —
Mandelic, dms., 1,000-lb. lots.lb. 2.05 - —
smaller lots.....lb. 2.10 - 2.30
Mixed, tanks, nitric unit.....lb. .05 - .06
sulphuric, unit.....lb. .0085- .009
Molybdic, kgs., works.....lb. .95 - 1.10
Monochloroacetic, tech., 85%, bbls..lb. .17 - —
purified, bbls.....lb. .20 - —
Monosulphonic, bbls.....lb. 1.50 - —
Muriatic, 18°, cbys., c.l., E. works..100 lbs. 1.50 - —
l.c.l., 25 and over, E. works..100 lbs. 1.75 - —
10 to 24, works...100 lbs. 1.85 - —
1 to 9, works...100 lbs. 2.45 - —
tanks, works.....100 lbs. 1.05 - —

Acid, muriatic, 20°, cbys., c.l., E. works..100 lbs. 1.75 - —
tanks, E. works.....ton.22.00 - —
22°, cbys., c.l., E. works.... 100 lbs. 2.25 - —
tanks, E. works.....ton.32.00 - —
CP, USP, consumers, cbys..lb. .08 - —
6-lb. bots.....lb. .19 - —
dealers, cbys.....lb. .06½ - —
6-lb. bots.....lb. .17½ - —

Myristic, dist., dms.....lb. No stocks.

Naphthenic,[6] 210-220 acidity, dms. extra, works..lb. .10¾ - —
tanks, works.....lb. .09 - —
230-245 acidity, dms. extra, works..lb. .12¾ - —
tanks, c.l., works.....lb. .12 - —

Nicotinic,[6] dms., 50-kilo lots up, kilo. 7.00 - —
10-kilo lots.....kilo. 7.10 - —
2½-kilo lots.....kilo. 7.20 - —
1-kilo lots.....kilo. 7.30 - —

Nicotinic amide (see Nicotinamide).

Nitric, 36°, cbys., c.l., E. works, 100 lbs. 5.00 - —
l.c.l., 25, E. works.100 lbs. 5.25 - —
10 to 24, works...100 lbs. 5.35 - —
1 to 9, works...100 lbs. 5.95 - —
38°, cbys., c.l., E. works.... 100 lbs. 5.50 - —
Western works...100 lbs. 5.75 - —
40°, cbys., c.l., E. works.... 100 lbs. 6.00 - —
42°, cbys., c.l., E. works.... 100 lbs. 6.50 - —
CP, USP, consumers, cbys..lb. .13 - —
7-lb. bots.....lb. .25 - —
dealers, cbys.....lb. .11½ - —
7-lb. bots.....lb. .21½ - —

Oleic (see Oil, red).

Oleum (see Acid, sulphuric, fuming).

Oxalic,[1] bbls., c.l., works....lb. .11¼ - —
10,000 lbs.....lb. .11½ - —
smaller lots.....lb. .12½ - —

Palm oil,[5] white, dist., dms.lb. No stocks.
tanks .....lb. No stocks.

Paraminobenzoic, cns.....lb. 1.40 - —

Paranitrobenzoic, cns.....lb. .72 - —

Paratoluidinmetasulphonic, bbls., f.o.b. works..lb. .80 - —

Peanut oil,[1] s.d., tanks, dlvd., lb. .11¼ - —

Phenylacetic, bots.....lb. 1.85 - 3.00

Phosphoric, pure food grade, 50%, bbls., c.l., works, frt. equald..100 lbs. 4.00 - 4.25
cbys., works, frt. equald, 100 lbs. 4.35 - 4.60
l.c.l., 10 or more, works, frt. alld..100 lbs. 5.25 - 6.25
1 to 9 cbys., works, frt. alld..100 lbs. 6.25 - 7.25
tankdagon, dlvd. N. Y., Phila., Met. area..100 lbs. 4.00 - —
75%, bbls., c.l., works, frt. equald..100 lbs. 4.75 - 5.00
cbys., works, frt. equald, 100 lbs. 5.10 - 5.35
l.c.l., 10 or more, works, frt. alld..100 lbs. 7.00 - 8.50
1 to 9 cbys., works, frt. alld..100 lbs. 8.00 - 9.50
tankcars, works, frt. equald..100 lbs. 4.00 - 4.25
tankwagon, dlvd. N. Y., Phila. Met. area..100 lbs. 4.75 - —

USP, 100-lb. cbys., c.l....lb. .10¼ - —
10 cbys. to c.l.....lb. .11¼ - —
2 to 9 cbys.....lb. .12 - —
single cbys.....lb. .13 - —
70-lb. cbys., c.l.....lb. .10¼ - —
25 cbys. to c.l.....lb. .11½ - —
5 to 24 cbys.....lb. .12 - —
1 to 4 cbys.....lb. .13 - —
10% dilut., cbys., djns....lb. .07 - .07¼

Picramic, kgs.....lb. .65 - .70

Picric, bbls.....lb. .35 - —

Propionic,[1] synth., pure, 55-gal. drums, works..lb. .19½ - —
tanks, works.....lb. .18½ - —

Pyrogallic, tech., bbls.....lb. 1.45 - —
cns. .....lb. 1.63 - —
USP, cryst., dms.....lb. 2.10 - 2.15
resub., dms.....lb. 2.60 - 2.65

Pyroligneous, bbls., dlvd. E.gal. .30 - —

Ricinoleic, com'l, split (see Acid, castor oil, split).

Salicylic,[1] tech., bbls., c.l....lb. .26 - —
100 lbs. to c.l.....lb. .33 - —
smaller lots.....lb. .34 - .42
USP, bbls., c.l.....lb. .28 - —
100 lbs. to c.l.....lb. .35 - —
smaller lots.....lb. .36 - .44

Sebacic, tech., dms., works..lb. .55 - .57

Soybean oil,[1,6] s.d., dms....lb. .16½ - .18¼
tanks, works.....lb. .11 - —

Stearic,[1,6] double-press, bgs..lb. .15¾ - .16¾
single press, bgs.....lb. .14¾ - .15¾
triple press, bgs.....lb. .13¾ - .19¼

Succinic, bbls.....lb. .75 - —

Sulphanilic, CP, bots., works.lb. 1.60 - 1.62
tech., dms., works.....lb. .17 - —

Sulphuric, 60°, cbys., c.l., E. works..100 lbs. 1.25 - —
l.c.l., 25 up, works..100 lbs. 1.50 - —
10 to 24, works...100 lbs. 1.60 - —
1 to 9, works...100 lbs. 2.20 - —
tanks, E. works.....ton.13.00 - —
66°, cbys., c.l., E. works..... 100 lbs. 1.50 - —
tanks, E. works.....ton.16.50 - —
98%, tanks, works.....ton.17.50 - —
CP, USP, consumers, cbys., lb. .06 - —
9-lb. bots.....lb. .17 - —
dealers, cbys.....lb. .06½ - —
9-lb. bots.....lb. .15½ - —
fuming, 20%, tanks, E. works. ton.19.50 - —

Tannic, tech., bbls., dms....lb. .71 - .75
USP, fluffy, bbls., 1,000 lbs.lb. 1.33 - —
smaller lots.....lb. 1.35 - 1.38
powd., bbls., 1,000 lbs....lb. 1.13 - —
smaller lots.....lb. 1.15 - —

Tartaric, USP, cryst., gran., powd., bbls., 10,000 lbs., 1 ship't..lb. .70½ - —
smaller lots.....lb. .71 - —
kgs. .....lb. .71½ - —

Tobias, bbls.....lb. .55 - .60
Trichloroacetic, bots.....lb. 2.00 - 2.50
Tungstic,[6] CP, 100-lb. pkgs..lb. 2.94 - 3.10
pure, 100-lb. pkgs.....lb. 2.86 - —

Aconite leaves, bls.....lb. 1.40 - 1.45
Root, bls.....lb. 1.20 - 1.25

Aconitine, amorph., bots.....oz.23.00 -28.00
15-gr. vials.....vial. 1.00 - —
cryst., bots.....oz.42.00 -48.00
15-gr. vials.....vial. 1.00 - —

Acrylonitrile,[6] dms., frt. alld..lb. .39½ - —
5,000 lbs. or more, works..lb. .40 - —
1 ton to 4,999 lbs., works..lb. .40½ - —
1 dm. to 1 ton, works.....lb. .41 - —
tankcars, frt. alld.....lb. .39 - —

Adeps lanae,[1,6] USP, anhyd., dms., primary distributors, lb. .34 - .35½
producers .....lb. .30 - .33

Adeps lanae, hyd., dms., primary distributors..lb. .32½ - .34
producers .....lb. .31 - .32

Adeps lanae prices for primary distributors, f.o.b. St. Louis, 1c. higher.

Agar,[6] .....lb. 3.50 - —
San Diego, Cal.....lb. 3.00 - —

Agaric, white, bis.....lb. 3.75 - 4.00

Albumen, blood, dark (see Blood, soluble).
light, dms., Chicago.....lb. .65 - .70
egg, edible,[1] cryst., powd...lb. 1.87 - 1.95
granular .....lb. 1.82 - 1.90
tech., cryst., bbls.....lb. 1.65 - 1.75

Alcohol, amyl (see also Fusel oil, refd.), ex pentane, dms., c.l., frt. alld. E. of Miss. R..lb. .141 - —
l.c.l., frt. alld.....lb. .151 - —
tanks, frt. alld.....lb. .131 - —

Benzyl, cns.....lb. .65 - .75
dms. .....lb. .63 - —

Butyl, normal,[1,6] ferment, Ill., Ind., prod., dms., frt. alld. E..lb. .1980 - —
l.c.l., frt. alld. E...lb. .2080 - —
tanks, frt. alld. E....lb. .1880 - —
other production, dms., c.l., frt. alld. E..lb. .1950 - —
l.c.l., frt. alld. E...lb. .2000 - —
tanks, frt. alld. E....lb. .1850 - —
synthetic, dms., c.l., frt. alld. E..lb. .11¾ - —
l.c.l., frt. alld. E....lb. .12¼ - —
tanks, frt. alld. E.....lb. .10¾ - —

* Normal butyl alcohol prices West, ½c. per lb. higher.

secondary,[6] dms., c.l., frt. paid E. of Miss..lb. .091 - —
l.c.l., same basis.....lb. .096 - —
tanks, same basis.....lb. .085 - —
tertiary, denat., dms., c.l..lb. .125 - —
l.c.l., dms.....lb. .13 - —
tanks .....lb. .11 - —

Cetyl, dom., CP, fiber ctns., 1,000 lbs..lb. 1.80 - —
smaller lots.....lb. 1.90 - 2.00

Cinnamic, bots.....lb. 3.00 - —

Denatured,[1,6,6] CD14, dms., c.l., dlvd. E..gal. .54½ - —
19 dms., works, E....gal. .56½ - —
1 to 18 dms., works, E..gal. .59¼ - —
tanks, E., dlvd.....gal. .50 - —

Tankcar sales require written authorization by Alcohol Tax Unit.

SD1, 190 pf., bbls., c.l., E. works..gal. .62 - —
19 bbls., E. works...gal. .64 - —
1 to 16 bbls., E. works, gal. .67 - —
tanks, E. works.....gal. .50 - —
Anhydrous 3c. per gal. higher.

SD2B, bbls., c.l., wks., E.gal. .60 - —
19 bbls., works, E...gal. .62 - —
1 to 18 bbls., works, E., gal. .65 - —
tanks, E. works.....gal. .45 - —

SD23G (replaced by SD23H).

SD28H, works, c.l., bbls...gal. .61½ - —
19 bbls.....gal. .63½ - —
1 to 18 bbls.....gal. .66½ - —
tanks, E. works.....gal. .49½ - —

SD29, denatured, with acetaldehyde, bbls., c.l., E. works, gal. .62½ - —
l.c.l., 19 or more, E. works...gal. .66 - —
1 to 18, E. works...gal. .69 - —
tanks, E. works.....gal. .50½ - —

When any of the several SD29 denaturants is supplied by the purchaser, the prices are the same as those for SD2B, plus 1¼c. per gal. denaturing charge.

Special solvent, dms., c.l., works..gal. .55½ - —
19 dms. to c.l.....gal. .57½ - —
1 to 18 dms.....gal. .60½ - —
tanks, E. works.....gal. .51 - —

Tankcar sales require written authorization by Alcohol Tax Unit.

Diacetone,[6] acetone-free, dms. c.l., dlvd..lb. .11½ - .14½
l.c.l., dlvd.....lb. .11¾ - .15
tanks, dlvd.....lb. .10½ - .13½
tech., dms., c.l., dlvd.....lb. .11 - .13¾
l.c.l., dlvd.....lb. .11¾ - .14
tanks, dlvd.....lb. .10 - .12¾

Ethyl,[6] 190 pf., dms., c.l..gal.17.64¼ - —
19 dms.....gal.17.98 - —
1 to 18 dms.....gal.17.71 - —
tanks .....gal.17.60 - —
absolute, dms., c.l.....gal.18.62 - —
18 dms.....gal.18.65½ - —
1 to 17 dms.....gal.18.68½ - —

Ethylhexyl, dms., c.l., wks..lb. .24 - —
l.c.l., same basis.....lb. .25 - —
tanks, same basis.....lb. .23 - —

Furfuryl, tech., cns., works..lb. .35 - —
dms., c.l., works.....lb. .22½ - —
l.c.l., works.....lb. .25 - .35
tanks, works.....lb. .20 - —

Isoamyl (see Carbinol Isobutyl).

Isobutyl,[6] refd., dms., works.lb. .0860 - —
tanks, works.....lb. .0760 - —

Isopropyl,[2,6] refd., 91%, dms., 5 gals., dlvd..gal. .66¼ - —
55 gals., c.l., dlvd....gal. .59 - —
l.c.l., dlvd.....gal. .63½ - —
tanks, frt., alld.....gal. .54 - —
90%, dms., 5 gals., dlvd.gal. .65 - —
55 gals., c.l., dlvd....gal. .44 - —
l.c.l., dlvd.....gal. .47 - —
tanks, frt., alld.....gal. .37½ - —

Methyl (see Methanol).

Octyl (see Alcohol, ethylhexyl).

Phenylethyl, bots., cns.....lb. 2.10 - 2.80

Polyvinyl, type A, fiber-pack, Niagara Falls..lb. .65 - .70
type B, fiber-pack, same basis, lb. .60 - .62

Propyl, normal, dms., wks..gal. .67 - .70

Wartime Status of Materials

Applications of WPB and OPA regulations to materials listed in this section are indicated by superior figures as follows:—

1—Specific price ceiling

2—Price agreement (sellers with OPA)

3—General Limitation Order (L order)

4—General Preference Order (M order)

5—Conservation Order (M order)

6—Allocation

Alcohol, tetrahydrofurfuryl, dms., c.l., Waverly, N. Y..lb. .40 - —
smaller lots, same basis..lb. .44 - .50
cns., Cedar Rapids, Ia.....lb. .55 - —
Aldehol, denat. grade, dms., tanks, works..gal. .70 - .72
Aldol, dms., works.....lb. .13 - .15
denat., grd., dms.....gal. 1.20 - —
Aletris root, bgs.....lb. 2.50 Nom.
Algin, bbls., fib. dms.....lb. .79 - 1.50
Alizarin (see Red, alizarin).
Alkanet root, bgs.....lb. No stocks
Allspice,[1] Mexican, bgs.....lb. .18 - .18½
Laredo, Tex., bgs.....lb. .17¼- .17¾
Aloe, Cape, cs.....lb. .29 - .30
Curacao, kgs.....lb. .65 - .80
Socotrine, kgs.....lb. .55 - .60
Aloin, bbls., dms., kgs.....lb. 5.45 - 5.54
Alphanaphthol, bbls.....lb. .52 - —
Alphanaphthylamine, bbls.....lb. .32 - —
Alphapicoline, ret. dms., works, frt. equald..lb. .23½- .28½
Alphapinene, dms., c.l., wks.gal. .84 - —
l.c.l., works.....gal. .86 - —
tanks, works.....gal. .81 - —
Alphaterpineol, dms., c.l., works, lb. .1340- —
l.c.l. .....lb. .1390- —
tanks .....lb. .1200- —
Alphatocopherol, amp.....gram. 1.00 - 1.10
Althea root, bls.....lb. .60 - .65
Alum, ammonia,[5] burnt, USP, bbls., kgs..lb. .16 - .18
gran., bbls., works....100 lbs. 4.00 - —
dlvd., N. Y., Phil..100 lbs. 4.00 - —
lump, bbls., works....100 lbs. 4.25 - —
dlvd., N. Y., Phil..100 lbs. 4.25 - —
powd., bbls., works....100 lbs. 4.40 - —
dlvd., N. Y., Phil..100 lbs. 4.40 - —
potash, gran., bbls., wks.100 lbs. 4.25 - —
dlvd., N. Y., Phil..100 lbs. 4.25 - —
lump, bbls., works....100 lbs. 4.50 - —
dlvd., N. Y., Phil..100 lbs. 4.50 - —
powd., bbls., works....100 lbs. 4.65 - —
dlvd., N. Y., Phil..100 lbs. 4.65 - —
Alum potash, chrome, bbls....lb. .12¼- .15
Soda, bbls., c.l., works..100 lbs. 3.25 - —
l.c.l., dlvd.....100 lbs. 4.25 - 5.00
Alumina, ground, classified, grade, kgs., works..lb. .35 - .40
top grade, ground, kgs., works, lb. .60 - .67
unclassified, ground, kgs., works..lb. .10¼- .46
Acetate, basic solut., 24%, bbls., dlvd..lb. .10½- .11
solut., 20%, bbls., dlvd...lb. .09½- .10
Chloride, anhyd.,[6] com'l, dms., c.l., works..lb. .08 - —
l.c.l., works.....lb. .09 - .12
cryst., com'l, dms., c.l., works, lb. .06 - —
l.c.l., works.....lb. .06¼- .06¾
solut., 32 deg., cbys., c.l., works..lb. .02¾- —
l.c.l., works.....lb. .03¼- —
Fluoride, bbls.....lb. .35 - .40
Hydrate,[6] heavy, bgs., c.l., works..lb. .024 - .031
bbls., c.l., works.....lb. .027 - .034
l.c.l., works.....lb. .04 - —
light, bgs., dlvd.....lb. .14½- —
bbls., dlvd.....lb. .15 - —
Hydroxide, gel, tech., min. 15% AOH_3, dms., 10,000 lbs. .03 - .03¼
more, f.o.b. ship't point..lb. .03 - .03¼
ton lots, same basis...lb. .03 - .03¼
smaller lots, same basis, lb. .03¾- .04
USP purity, conc., 9-9½% Al_2O_3, fib. dms., works..lb. .17¾- —
contract, works.....lb. .19¾- —
14-15% Al_2O_3, fib. dms., works..lb. .20¾- —
contract, works..lb. .19¾- —
dried, USP XII, fib., dms., works..lb. .78 - —
contract, works.....lb. .75 - —
powder, tech. (see Alumina hydrate).
USP IX, bbls., dms.....lb. .15 - .17
Laurate, prec., bbls.....lb. .25 - .26
Naphthenate, 1.7%, A1, 50-gal. dms., works..lb. .18¾- —
Oleate, dms., contract.....lb. .24½- —
Resinate, precip., dms.....lb. .15½- —
Stearate, precip., bbls., c.l...lb. .23 - —
l.c.l. .....lb. .24 - —
Sulphate, com'l, bgs., c.l., works, frt. equald.. 100 lbs. 1.15 - 1.25
l.c.l., works, frt. equald., 100 lbs. 1.40 - 1.50
bbls., c.l., works, frt. equald. 100 lbs. 1.35 - 1.45
l.c.l., works, frt. equald. 100 lbs. 1.60 - 1.70
iron-free, bgs., c.l., works... 100 lbs. 1.85 - —
l.c.l., works.....100 lbs. 2.10 - —
Aluminum, 98-99%[2,3,4], c.l....lb. .15 - —
l.c.l. .....lb. .16 - —
paste,[6] lining, extra fine, 200-lb. dm..lb. .56 - .69
grade B, 250-lb. dm.....lb. .54 - —
ink, 150-lb. dm.....lb. .71 - —
standard, 200-lb. dm.....lb. .53 - —
grade B, 250-lb. dms.....lb. .56 - —
powder,[6] lining, extra fine, 150-lb. dm..lb. .93 - —
litho, 150-lb. dm.....lb. .57 - —
standard, 200-lb. dm.....lb. .59 - —
grade B, 275-lb. dm.....lb. .57 - —
rubber comp., 200-lb. dm...lb. .40 - —
unpolished, stand., 250-lb. dm. lb. .36 - —
varnish, stand., 300-lb. dm.lb. .40 - —

Aluminum powder and paste prices are f.o.b. shipping point. Add 1c. per lb. for 100-lb. dm., 1½c. for 50-lb. dm., 3c. per lb. for 10-lb. can, and 5c. to 12c. per lb for smaller containers. Deduct 1c. per lb. for single shipment of 400 to 1,499 lbs., 2c. for 1,500 to 4,999 lbs., 3c. for 5,000 to 29,000 lbs., and 4c. for 30,000 lbs. or more. Where destination is within the continental U. S., a deduction equivalent to the lowest available common carrier, transportation rate will be made from sellers' invoice on orders of 200 lbs. or over.

Ambergris gray, tins.....oz.13.50 - 14.00
Aminomethylpropanol, cns., dms., works..lb. .50 - .60
Aminopyrine, dms.....lb. 4.00 - —
bots. .....lb. 4.25 - —
Ammonia,[6] anhydrous, fertilizer, tankcars, works, frt. equald. ton.59.00 - —
refrigeration, tanks, wks..ton.69.00 - —
pure, cyls.....lb. .16 - —
Aqua, 26°, cbys.....lb. .05½- —
dms., c.l.....lb. .02½- —
l.c.l. .....lb. .02½- —
tanks, works (NH_3 content). ton.65.00 - —
Benzoate, refined, dms., kgs., 4,000 lbs. up, frt. alld..lb. .43 - —
smaller lots, frt. alld...lb. .44 - .47
Bicarbonate, dms.....lb. .0539- .0614
Bicarbonate,[6] bbls.....lb. .23 - .25
Bifluoride, bbls.....lb. .15 - .17
Borate, gran., bbls, kgs.....lb. .1080- —
powd., bbls., kgs.....lb. .1130- —
Bromide, NF, bbls.....lb. .31 - .35
dms. .....lb. .32 - .36
Carbonate, lump, dms.....lb. .08½- .09¼
cns. .....lb. .14¼- .17¼
powdered 1c. per lb. higher.

Ammonia chloride, tech. (see Ammoniac, sal).
USP, gran., bbls., dms., kgs.. lb. .13 - .15
Citrate, dibasic, bbls.....lb. .75 - —
dms. .....lb. .80 - .85
Fluoride, bbls.....lb. .18 - .20
Hydroxide (see Ammonia, aqua).
Hypophosphite, NF, dms....lb. 1.25 - 1.27
jars .....lb. 1.30 - 1.35
Iodide, NF, bots.....lb. 3.71 - —
jars .....lb. 3.65 - —
Linoleate, 80%, anhyd., bbls.lb. .12 - —
Molybdate,[6] c.p., cryst., kgs.lb. 1.26 - 1.28
fine cryst., bbls., kgs.....lb. .84 - .87
purified, dms.....lb. 1.10 - 1.12
Nitrate,[1,6] Canadian, fertilizer grade, 32.5 nitrogen, bgs., same N unit price, delivered, as Ammonia sulphate.
domestic, ordnance, bgs., works..ton.46.00 - —
tech., bgs., works....100 lbs. 4.35 - 8.50
bbls., works.....100 lbs. 4.55 - —
Oleate, dms.....lb. .14 - —
Oxalate, purif., gran., bbls., kgs..lb. .27 - .33
Perchlorate, kgs.....lb. .55 - .65
Persulphate, kgs.....lb. .25½- .28½
Phosphate, dibasic, NF V, bbls., kgs..lb. .31 - .39
tech., bbls., c.l.....lb. .07¼- —
l.c.l. .....lb. .08 - .08½
monobasic, pure, bbls.....lb. .40 - .45
tech., bbls., c.l.....lb. .07¼- —
l.c.l. .....lb. .08 - .08½
Salicylate, NF, dms., kgs...lb. 1.15 - 1.18
Silicofluoride, bbls.....lb. .15 - .18
Stearate, anhydrous, dms.....lb. .34 - —
paste, dms.....lb. .18½- —
Sulphamate, bbls., works....lb. .18 - .24
Sulphate,[1,6] dms., bulk, inland producing ovens..ton.28.20 - —
Atlantic coast ports...ton.29.20 - —
Sulphide, liquid, 40-45%, basis 100%, dms., c.l., works..lb. .07½- —
l.c.l., dlvd.....lb. .15 - —
tanks, dlvd.....lb. .07½- —
red, 48%, cbys., works.....lb. .08 - —
dms., works.....lb. .06 - —
yellow, 33%, cbys., works..lb. .08 - —
dms., works.....lb. .06 - —
Sulphocyanide, CP, bbls.....lb. .55 - —
jars .....lb. .97 - —
tech., bbls.....lb. .17 - .19
Thioglycolate, 100%, bbls....lb. 7.10 - —
Ammoniac gum (see Gum, ammoniac).
Sal, gray, bbls., c.l., works... 100 lbs. 5.50 - 5.75
l.c.l., same basis..100 lbs. 6.00 - 6.70
white, gran., bbls., c.l., works. 100 lbs. 4.45 - —
l.c.l., same basis..100 lbs. 5.15 - —
Amyl acetate, ex fusel oil, tech., dms., c.l., dlvd..lb. .12½- .17
l.c.l., dlvd.....lb. .13 - .17½
tanks, dlvd.....lb. .11½- .16
ex-pentane, dms., c.l., frt. alld. E. of Miss. R..lb. .15½- —
l.c.l., same basis.....lb. .16½- —
tanks, same basis.....lb. .14½- —
Alcohol (see Alcohol, amyl).
Butyrate, dms.....lb. .75 - .90
Caproate, dms.....lb. 2.75 - —
Chloride, mixed, tech., dms., c.l., works..lb. .07 - —
l.c.l., works.....lb. .08 - —
tanks, works.....lb. .06 - —
Ether, dms., c.l., works.....lb. .09½- —
l.c.l., works.....lb. .102 - —
tanks, works.....lb. .08½- —
Nitrite, USP, bots.....lb. 1.72 - 1.80
Mercaptan, dms., works....lb. 1.10 - —
Oleate, dms., works.....lb. .31 - —
Salicylate, bots.....lb. .80 - 1.25
Stearate, dms., works.....lb. .42 - —
Amylene, dms., c.l., works....lb. .10¼- —
l.c.l., works.....lb. .11 - —
tanks, works.....lb. .09 - —
Amylnaphthalene, mixed, crude, dms., works..lb. .14 - —
refd., dms., works.....lb. .16 - —
Anethol, com'l, dms., works...lb. .657 - .662
NF, bots.....lb. 2.10 - 2.35
cans .....lb. 1.90 - 2.25
Angelica root, dom., bls.....lb. No prices
Angostura bark, bls.....lb. .20 - .21
Anilin[6] oil, dms., c.l., works, frt. alld..lb. .11½- —
l.c.l., works, frt. alld....lb. .12½- —
tanks, works, frt. alld....lb. .10½- —
Salt, dms., works.....lb. .22 - .24
Anise,[1] Cyprus, bgs.....lb. .29 Nom.
Bulgarian, bgs.....lb. .29 - .29½
Mexican, recleaned, bgs....lb. .19 - .19½
Turkish, bgs.....lb. No stocks
Anisic aldehyde, bots.....lb. 2.90 - 3.00
Annatto,[6] paste, bxs.....lb. .34 - .39
Seed, bgs.....lb. .08½- —
Anthracene, 80-85%, bbls., works. lb. .55 - —
90%, bbls., works.....lb. .65 - —
Anthraquinine, 99.5%, bbls....lb. .70 - —
Antimony butter (see Antimony chloride).
Chloride, solut., cbys.....lb. .17 - —
Metal,[1,4] bulk, c.l., works...lb. .14½- .17½
Needle,[1] Bolivian, brown, 67%, cs...lb. .18½- —
Chinese, black, 70%, cs.....lb. .20 - .22
Oxide,[1,6] bgs., c.l.....lb. .15 - —
l.c.l. .....lb. .15½- —
Salt,[1] 65%, bbls., dlvd. E. of Miss. River..lb. .40 - —
Sulphide,[1] 65-70%, bbls., c.l., works..lb. .17 - —
l.c.l., works.....lb. .17½- —
Antipyrine, bbls., kgs., ton....lb. 2.00 - —
smaller lots.....lb. 2.10 - 2.20
Apomorphine, bots.....oz.23.20 -23.70
Apple syrup,[1] bbls.....lb. .16 - .16½
Archil extract, bbls.....lb. No stocks
Areca nuts, powd., bbls.....lb. .24 - .25
Arecoline hydrobromide, bots..oz.12.25 - —
Argols, min. 70%, bgs., Argentine port, 100 kilos, 100% purity.70.00 -72.00
Arnica flowers, bls.....lb. 3.15 - 3.60
Arrowroot, powd., bgs., bbls..lb. .10 - .10½
Arsenic,[6] metal, lump, c.l....lb. No prices
Chloride (arsenous), bots....lb. 1.55 - —
Iodide (arsenous), 5-lb. bots.lb. 5.58 - —
jars .....lb. 5.43 - —
Sulphide, yellow, bbls.....lb. .52 - .55
bots. .....lb. .60 - .64
Trioxide (see Acid, arsenous).
White, powd., kgs., c.l.....lb. .04 - —
l.c.l. .....lb. .04¾- —
Asafetida, cs.....lb. .45 - .68
powd., bbls., dms.....lb. .55 - .82
Asbestine (see Talk, N. Y. fibrous).
Asbestos fiber, 5D and 5K, bgs., c.l. (20 tons), Canad. mines. ton.49.50 - —
5R, bgs., same basis.....ton.44.60 - —
6D, bgs., same basis.....ton.33.00 - —
7D, bgs., same basis.....ton.28.50 - —
7F, bgs., same basis.....ton.26.50 - —
7H, bgs., same basis.....ton.22.50 - —
7K, bgs., same basis.....ton.19.00 - —
7M, bgs., same basis.....ton.16.50 - —
7R, bgs., same basis.....ton.15.50 - —
Asphaltum, Manjak No. 10, crude, dms., works..lb. .05½- .12
process form, bgs., wks.lb. .05¾- .13
jet, bgs. 2,000 lbs., gross weight Colo. mines..ton.30.50 - —
Barbados, Dunellen, N. J...lb. .10½- —
California, dms., c.l.....ton.36.40 - —
l.c.l. .....ton.41.40 - —

Asphaltum, Cuban A, bulk, c.l., N. Y..ton.60.00 - —
l.c.l., same basis.....ton.90.00 - —
B, bulk, c.l., N. Y.....ton.35.50 - —
l.c.l., same basis.....ton.55.00 - —
Egyptian, substitutes, bgs., l.c.l., refinery N. J. or Ill..lb. .08 - —
Gilsonite, brilliant black, selects, 340° F. fusing point, bgs., mines..ton.32.90 - —
290-295° F. fusing point, bgs., mines..ton.30.50 - —
270° F. fusing point, bgs., mines..ton.30.50 - —
seconds, 370-390° F. fusing point, not uniform, bgs., mines..ton.25.50 - —
300-330° F. fusing point, not uniform, bgs., mines. ton.25.50 - —
jet, bgs., ton lots, gross wght., Colo. mines..ton.30.50 - —
Mexican, ref'd., dms., c.l., Texas refy..ton.21.00 - —
l.c.l., same basis.....ton.21.00 -23.00
tanks, same basis.....ton.16.00 - —
Atropine, bots.....oz.15.00 - —
Sulphate, bots.....oz. 7.75 - 8.15

B

Balm of Gilead buds, bgs.....lb. 1.05 - 1.15
Barbasco root,[2,6] (see Cube root).
Barberry, root bark, bgs.....lb. .78 - .80
Barbital, dms.....lb. 3.50 - 3.60
sodium, dms.....lb. 3.75 - —
Barium[6] carbonate, natural, 90% thru 200 mesh, bgs., c.l., works..ton.43.00 - —
precip., bgs., c.l., works..ton.60.00 -70.00
l.c.l., works.....ton.65.00 -75.00
bbls., c.l., works.....ton.65.00 -75.00
l.c.l., works.....ton.70.00 -80.00
Chlorate,[6] kgs.....lb. .36 - —
Chloride, CP, cryst., bbls.....lb. .25 - .27
pure, bbls., kgs.....lb. .10 - .12
tech., cryst., bgs., c.l., works, ton73.00 - —
l.c.l., same basis.....ton.78.00 - —
bbls., c.l., same basis..ton.75.00 - —
l.c.l., same basis....ton.80.00 - —
Dioxide, dms., c.l., works....lb. .10 - —
l.c.l., works.....lb. .12 - .13
Fluoride, bbls.....lb. .18 Nom.
Hydrate (see Hydroxide).
Hydroxide, bbls., works.....lb. .06 - .07
Iodide, bots.....lb. 4.62 - 4.82
Monoxide (see Oxide).
Nitrate, bbls., c.l., works....lb. .09½- .11
l.c.l., works.....lb. .10 - .11½
Oxide, dms., c.l., works.....lb. .08 - —
l.c.l., same basis.....lb. .10 - .12
grd., dms., l.c.l., works...lb. .11 - .15
Peroxide (see Dioxide)
Silicofluoride, bbls.....lb. .17 - .19
Stearate, ctns., 1 ton up.....lb. .31 - —
smaller lots.....lb. .32 - —
Sulphate, tech. (see Barytes, and Blanc fixe).
X-ray, bbls.....lb. .09½- .10
kgs .....lb. .12 - —
Barytes, floated, bbls., c.l., St. Louis..ton.27.65 - —
l.c.l., same basis.....ton.28.65 - —
ex whse., N. Y.....ton.36.00 - —
paper bags, c.l., St. Louis.ton.25.35 - —
l.c.l., same basis.....ton.26.35 - —
ex whse., N. Y.....ton.34.00 — —
Southern, off-color, bgs., mines, ton.17.50 - —
95.75%, bgs., mines.....ton.18.00 - —
Ore, approx. 94% Ba SO_4, bulk, mines..ton. 8.50 - —
Bauxite,[6] blk, mines.....ton. 7.00 -10.00
Bay leaves (see Laurel leaves).
Barberry bark, bgs.....lb. .12 - .13
Belladonna leaves, bls.....lb. .95 - 1.05
Root, bls.....lb. .90 - 1.00
Bentonite, 200 mesh, bgs., works. ton.11.00 - —
325 mesh, bgs., works.....ton.16.00 - —
Benzaldehyde,[6] NF, dms.....lb. .85 - 1.25
tech., cbys., dms.....lb. .45 - .55
Benzene (see Benzol).
Benzidin base, bbls.....lb. .70 - —
Benzocaine, cns.....lb. 3.20 - 3.55
Benzol,[6] (benzene), pure, nitration and 90%, dms., works, gal. .20 - —
tankcars, E. of Omaha, frt. alld. up to 2c. per gal..gal. .15 - —
W. Coast, f.o.b. Minnequa, Colo...gal. .15 - —
Benzophenone, dms.....lb. 1.15 - 1.20
Benzoyl chloride, cbys.....lb. .26 - .28
Peroxide, pure, gran., fib. ctns., works..lb. 1.95 - —
Benzyl acetate, f.f.c., cns.....lb. .59 Nom.
dms. .....lb. .55 Nom.
Alcohol (see Alcohol, benzyl).
Benzoate, n.m.e., f.f.c., dms.lb. 1.00 - 1.10
Chloride, cbys., frt. equald..lb. .22 - .24
Cinnamate, cns.....lb. 5.15 - 5.50
Formate, cns.....lb. 3.00 - 3.50
Isoeugenol, bots.....lb. 9.50 - —
Propionate, bots.....lb. 1.85 - 2.50
Salicylate, bots.....lb. 1.90 - 2.15
Benzylidinacetone, bots.....lb. 2.00 - 2.50
Berberine bisulphate, cns....lb. No stocks
Hydrochloride, bots.....lb. No stocks
Sulphate, cns.....lb. No stocks
Berberis root, bls.....lb. .25 - .26
Betanaphthol, resublimed, dms., works..lb. .55 - .60
tech., bbls., c.l., works....lb. .23 - —
l.c.l., works.....lb. .24 - —
Benzoate, fib. dms., works..lb. 1.75 - —
Salicylate, dms.....lb. 5.00 - —
Betanaphthylamine, tech., works, lb. .51 - —
Betapicoline, 90%, ret. dms., c.l., wks..lb. 1.60 - —
l.c.l., same basis.....lb. 1.85 - —
95%, same basis.....lb. 2.05 - —
98-99%, same basis.....lb. 2.20 - —
Beth root, bls.....lb. .45 - .46
Bismuth[6] chloride, bots.....lb. 3.00 - —
jars .....lb. 2.85 - —
Citrate, USP VIII, bots.....lb. 2.81 - 2.86
jars .....lb. 2.75 - —
Hydroxide, bots.....lb. 3.41 - 3.46
cns. .....lb. 3.35 - —
Metal, ton lots.....lb. 1.25 - —
Nitrate, cryst., bots.....lb. 1.41 - 1.46
cns. .....lb. 1.30 - —
Oxychloride, bots.....lb. 3.14 - 3.19
cns., kgs.....lb. 3.10 - —
Subbenzoate, bots.....lb. 3.51 - —
fib. dms.....lb. 3.40 - —
Subcarbonate, USP, bbls., dms. lb. 1.50 - 1.53
bots., cns.....lb. 1.59 - 1.63
X-ray, 5-lb. bots.....lb. 2.79 - —
fib. dms.....lb. 2.73 - —
Subgallate, NF, bots., cns...lb. 1.49 - 1.53
fib. dms.....lb. 1.40 - 1.43
Subiodide, bots.....lb. 4.19 - 4.25
fib. dms.....lb. 4.13 - —
Subnitrate, USP, powd., bbls., dms..lb. 1.20 - 1.23
bots. .....lb. 1.29 - 1.33
Subsalicylate, USP, 62 - 66%, bbls., fib. dms..lb. 2.50 - —
bots., cns.....lb. 2.51 - 2.59
Sulphocarbolate, bots.....lb. 3.71 - 3.76
fib. dms.....lb. 3.65 - —
Bismuth-ammonia citrate, USP, powd., dms..lb. 3.40 - —
cns. .....lb. 3.45 - 3.50

Bisphenol-A, bgs., c.l., works..lb. .22 - —
l.c.l., works.....lb. .23 - —
Black, acetylene,[2] bgs., c.l., works..lb. .14 - —
l.c.l., same basis.....lb. .18 - —
Bone 1A, bgs., bbls., c.l., frt. alld E..lb. .17 - —
2, bgs., bbls., c.l., same basis, lb. .12 - —
3, bgs., bbls., c.l., same basis, lb. .11 - —
4, bgs., bbls., c.l., same basis, lb. .08½- —
400A, bgs., bbls., c.l., same basis..lb. .08½- —
457, bgs., bbls., c.l., same basis..lb. .11½- —
Bone black l.c.l. prices are ½c. higher than c.l. Pacific coast, ex dock, or whse., prices are 1½c. higher.
Carbon,[6] heads, compressed, bgs., c.l., works..lb. .03550- —
bgs., ctns., l.c.l., dlvd. or whse..lb. .07½- —
regular, uncompressed, bgs., c.l., works..lb. .03625- —
bgs., ctns., l.c.l., dlvd. or whse..lb. .06 - —
Charcoal (see C).
Graphite (see G).
Iron oxide, magnetic, pure, bbls., l.c.l., works..lb. .08½- —
Lamp, 1, ctns., works.....lb. .08¾- —
l.c.l., works.....lb. .09 - —
2, ctns., c.l., works.....lb. .10 - —
l.c.l., works.....lb. .11 - —
2A, ctns., c.l., works.....lb. .12 - —
l.c.l., works.....lb. .13½- —
3, ctns., c.l., works.....lb. .14¼- —
l.c.l., works.....lb. .15½- —
4, ctns., c.l., works.....lb. .16¾- —
l.c.l., works.....lb. .17½- —
5, ctns., c.l., works.....lb. .20 - —
l.c.l., works.....lb. .26 - —
6, ctns., c.l., works.....lb. .26½- —
l.c.l., works.....lb. .27½- —
7, ctns., c.l., works.....lb. .37¾- —
l.c.l., works.....lb. .38½- —
Mineral, vine type, bbls., l.c.l., works..lb. .04¾- —
Vine A, bbls.....lb. .04½- .05
B, bbls.....lb. .05¾- —
kegs .....lb. .06 - —
Black dyes listed under Dyes.
Black haw root bark, bls.....lb. .85 - .90
Tree bark, bls.....lb. .30 - .35
Black Indian hemp root, bls...lb. No stocks
Blanc fixe, dry, by-product, bgs., c.l., works..ton.60.00 - —
l.c.l., works.....ton.67.50 - —
direct process, bgs., c.l., works, ton.70.00 - —
l.c.l., works.....ton.75.00 - —
bbls., c.l., works.....ton.75.00 - —
l.c.l., works.....ton.80.00 - —
pulp, 66⅔%, bbls., c.l., works, ton.40.00 - —
l.c.l., same basis.....ton.46.50 - —
Bleaching powder,[2,6] dms., c.l., works..100 lbs. 2.50 - 3.10
l.c.l., works.....100 lbs. 2.75 - 3.60
Blood,[1] dried, 16-16½% ammon., bgs..unit-ton. 5.53 - —
high-grade, unground, 16-17% ammon., bulk, Chicago.. unit-ton. 5.53 - —
soluble, bgs., c.l., Chicago...lb. .18¼- —
smaller lots, Chicago.....lb. .15 - .20
Bloodroot, bls.....lb. .75 - 1.00
Blue,[1] alkali, dry, bbls., dlvd. N. of Tenn. and N. C., E. of Miss. River, including St. Paul, Minneapolis, Davenport, Rock Island, St. Louis, lb. 1.75 - —
toner, bbls., same basis..lb. .85 - .90
Celectial, bbls., same basis...lb. .10 - .12
Cobalt,[6] genuine, bbls., same basis..lb. 4.90 - —
Imitation (see Blue, ultramarine).
Copper phthalocyanin, full strength, bbls., same basis, lb. 3.50 - 3.75
80%, bbls., same basis....lb. 3.00 - —
green shade, bbls., same basis..lb. 4.50 - 4.70
Iron, Chinese, bbls., same basis, lb. .36 - —
Milori, bbls., same basis...lb. .36 - —
Prussian, bbls., same basis, lb. .36 - —
soluble, bbls., same basis..lb. .36 - —
Molybdated, Victoria, same basis..lb. 3.15 - —
Peacock, fugitive, 100% color strength, same basis..lb. .52 - —
permanent, toner, green shade, molybdic..lb. 3.50 - —
tungstic .....lb. 4.00 - —
Potash, CP, bbls., same basis, lb. .42 - —
Soda, CP, bronze, bbls., same basis..lb. .36 - —
Ultramarine, dry or pulp, shade, grades, bbls., same basis..lb. .23 - .27
job grades, bbls., same basis, lb. .12 - .13
reg. grades, bbls., same basis, lb. .17 - .27
Victoria, toner,[1] molybdic, bbls., lb. 3.15 - —
tungstic, bbls.....lb. 3.30 - —
ink toner, bbls., same basis, lb. 1.83 - —
syn. vehicle, bbls., same basis..lb. 1.93 - —
Violet, toner, molybdic, kgs., same basis..lb. 1.25 - —
tungstic, kgs., same basis, lb. 2.10 - —

Blue dry colors, dlvd. prices ½c. higher Ala., Fla., Ga., La. (Shreveport, 1¼c.); Miss., N. C., S. C., Tenn., Tex. (El Paso, 2c.); Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph: 1.6c. higher, Pac. Coast; Denver, Pueblo, Salt Lake City, Wichita, frt. equalized with Chicago.

Blue dyes are listed under Dyes.
Blueflag root, bls.....lb. .55 - .75
Blue mass, NF, cns., tubs....lb. 1.29 - 1.46
powd., bots., cns., dms.....lb. 1.32 - 1.46
Bluestone (see Copper sulphate).
Blue vitriol (see Copper sulphate).
Bone, raw, bulk, Chicago....ton.57.50 -65.00
junk, bulk, same basis.....ton.35.00 - —
meal, 4½% ammond., 50% phos., bgs., E. works..ton.37.50 - —
Chicago, works.....ton.39.50 - —
steamed, feeding grade, 1% ammon., 60% phos., bgs., E. works..ton.48.50 - —
Chicago, works.....ton.51.00 - —
fertilizer grade, 3% ammon., 50% phos., bgs., E. works, ton.38.50 - —
Chicago, works.....ton.37.00 - —
Precipitated (see Calcium phosphate tribasic, precip.).
Phosphate, defluoriated (see D).
Boneset leaves, bls.....lb. .15 - .17
Borage flowers, bls.....lb. .45 - .60
Borax,[2] tech., 99½%, gran., bulk, c.l., frt. alld..ton.41.50 - —
bgs., c.l., frt. alld....ton.45.00 - —
ton lots, ex whse...ton.56.00 - —
less ton lots, ex whse.ton.61.00 - —
bbls., c.l., frt. alld...ton.55.00 - —
ton lots, ex whse....ton.66.00 - —
less ton lots, ex whse.ton.71.00 - —

OPD—7-31-1944

Acids

★

CITRIC

LACTIC

MALIC

PHOSPHORIC

TARTARIC

AND OTHERS

May we submit our list?

WILLIAM D. NEUBERG COMPANY

Chemicals

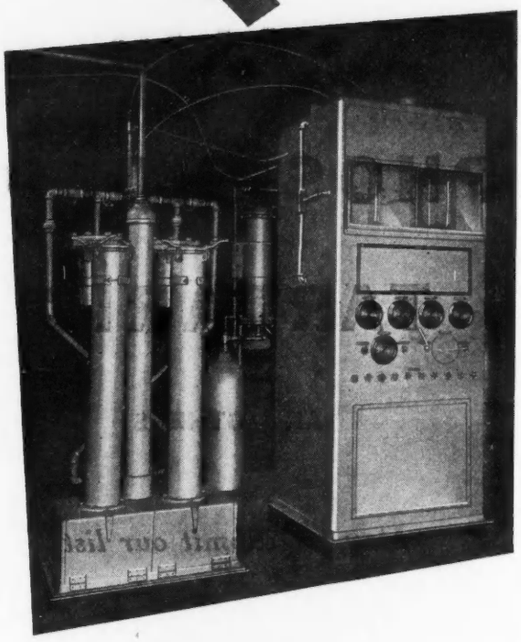
GRAYBAR BUILDING • 420 LEXINGTON AVE • NEW YORK 17, N. Y.

TELEPHONE LEXINGTON 2-3324

Borax, tech., 99½% powd., bgs., frt. alld..ton.50.00 - —
ton lots, ex whse....ton.61.00 - —
less ton lots, ex whse.ton.66.00 - —
bbls., c.l., frt. alld....ton.66.00 - —
ton lots, ex whse....ton.71.00 - —
less ton lots, ex whse.ton.76.00 - —
USP, $15 per ton higher.
Bordeaux mixt., dms., c.l., whse., works, frt. alld..lb. .11 - —
l.c.l., same basis.....lb. .11½- —
Bornyl thiocyanoacetate (see Isobronyl thiocyanoacetate).
Brazilwood extract (see Hypernic).
Brimstone (see Sulphur).
Bromine, purif., cs., 1,000 lbs., frt. alld. E. of Rockies..lb. .25 - .30
single pkgs., same basis..lb. .30 - .35
Bromoform, USP, bots.....lb. 1.50 - —
cbys. .....lb. 1.42 - —
Bromstyrol .....lb. 4.30 - 5.00
Bronze powder, aluminum (see A).
gold, litho., cns., dms., works, lb. .60 - .65
moulding, cns., dms., same basis..lb. .80 - 1.00
printing ink, cns., dms., same basis..lb. .85 - 1.20
radiator, cns., dms., same basis..lb. .45 - .50
Broomtop, bls.....lb. .13 - .15
Brown,[2] iron-oxide, pure, precip., cks., works..lb. .12 - —
metallic, bbls., c.l., works..lb. .02½- —
Sap, crystals, works.....lb. .12 - —
powdered .....lb. .13 - —
Sienna, burnt, American, bbls., works..lb. .03¾- .05
pap. bgs., c.l., same basis, lb. .0235- —
Italian type, bbls., works.lb. .08¾- .10¾
raw, American, bbls., works, lb. .04 - .10
Italian type, bbls., works.lb. .08 - .10
Umber, American, bbls., works, lb. .03¾- —
Brown, umber, Amer., Italian type, bbls., works..lb. .04¾- —
Turkey type, bbls., l.c.l., f.o.b. Boston, Bethlehem, Easton, Pa.: N. Y..lb. .04¾- —
St. Louis, Chicago, Indianapolis, New Orleans..lb. .05¼- —
Minneapolis .....lb. .0535- —
Pittsburgh .....lb. .05 - —
ex car, Los Angeles..lb. .05½- —
Portland, San Francisco, Seattle..lb. .05½- —
ex whse., Los Angeles.lb. .05¾- —
Portland, San Francisco, Seattle..lb. .05¾- —
Vandyke, reg., bbls., works..lb. .09 - —
special, bbls., same basis..lb. .12 - —
Brucine, 100-oz. cns.....oz. .35 - —
Sulphate, 100-oz. cns.....oz. .30 - —
Byronia root, bls.....lb. .65 - .75
Buchu leaves, bls.....lb. .80 - .85
Buckthorn bark, bls.....lb. .75 - .80
Berries, bgs.....lb. .70 - .75
Burdock root, bls.....lb. .30 - .32
Burgundy pitch, dms.....lb. .06 - —
Butane,[1] indust., tanks, Group 3, gal. .03½- —
Butyl acetate, normal,[1,6] ferment, Ill., Ind., prod., dms., c.l., frt. alld. E. of Miss R., lb. .1895- —
l.c.l., frt. same basis, lb. .1945- —
tanks, same basis.....lb. .1795- —
other production, dms., c.l., same basis..lb. .1900- —
l.c.l., same basis....lb. .1950- —
tanks, same basis....lb. .1800- —
synthetic, dms., c.l., same basis..lb. .11¾- —
l.c.l., same basis.....lb. .12¼- —
Butyl acetate, synth., tanks, same basis..lb. .10¾- —
Normal butyl acetate, W. of Miss. R., ½c. per lb. higher.
secondary,[1,6] dms., c.l., dlvd. E. of Miss. R...lb. .09½- —
l.c.l., same basis.....lb. .10 - —
tanks, same basis.....lb. .08½- —
Alcohol (see Alcohol, butyl).
Aldehyde, dms., c.l., works..lb. .15½- —
l.c.l., works.....lb. .16½- —
tanks, works.....lb. .14½- —
Carbinol, secondary, l.c.l., dms., works..lb. .09 - —
Chloride, normal, dms., c.l., works..lb. .32 - —
l.c.l., works.....lb. .35 - —
Ether (see Ether, butyl).
Lactate, dms., works.....lb. .26½- —
Laurate, dms., works.....lb. .42 - —
Myristate, dms., works.....lb. .41 - —
Oleate, ref., dms., works....lb. .35 - —
tech., dms., works.....lb. .29 - —
Phenylacetate, dms.....lb. 2.00 - 2.25
Phthalate (see Dibutyl Phthalate).
Propionate, dms., dlvd.....lb. .16½- .17
tanks .....lb. .15½- —
Stearate, dms.....lb. .31 - .31½
Butyric ether, bots.....gal. 6.50 - 6.95
cns., works.....lb. .65 - .70
dms., works.....lb. .60 - —

C

Cadmium bromide,[6] jars.....lb. 1.65 - 1.70
bots. .....lb. 1.84 - 1.91
Iodide,[6] bots.....lb. 4.23 - —
cns. .....lb. 4.09 - —
Lithopone (see Yellow).
Metal,[1,4] pat. shapes, cs., dlvd., lb. .95 - —
Ingots or sticks.....lb. .90 - —
Red (see Red).
Selenide (see Red).
Sulphide (see Yellow).
Caffeine,[1,6] dms., makers primary distrib., 100 lbs. or more..lb. 2.80 - 2.88
25 to 100 lbs.....lb. 2.95 - 3.10
smaller lots .....lb. 3.15 - 3.25
anhydrous, dms., 100 lbs. or more..lb. 3.00 - 3.08
25 to 100 lbs.....lb. 3.15 - 3.30
smaller lots .....lb. 3.35 - 3.45
Citrated, dms., makers primary distrib., 100 lbs. or more..lb. 1.95 - —
smaller lots .....lb. 2.05 - 2.30
Hydrobromide, bots.....lb. 5.29 - 5.37
Calabar beans, bgs.....lb. .35 - .40
Calamus root, dom., bls.....lb. .40 - .45
Calcium acetate, bgs., dlvd..... 100 lbs. 3.00 - 4.00
Arsenate,[6] bgs., c.l., whse., works, frt. alld..lb. .07 - .08
l.c.l., same basis.....lb. .07¼- .08¼
Bromide, jars .....lb. .65 - .70
Carbide,[1,6] dms., c.l., works, ton.50.00 - —
dlvd. .....ton.87.00 -95.00
Carbonate (see Chalk and Whiting).
Chloride, flake, 77-80%, paper, bgs., c.l., dlvd..ton.18.50 -35.00
l.c.l., 15 tons, dlvd...ton.21.50 -25.50
5-ton lots .....ton.28.50 -41.00
liquor, basis 40%, tanks, wks. ton. 7.50 - —
purified, cryst., bbls., jars.lb. .28 - .39
solid, 73-75%, dms., c.l., dlvd. ton.18.00 -31.50
Calcium chloride, solid, 73-75%, dms., l.c.l., 15 tons, dlvd. ton.21.45 -25.45
5-ton lots .....ton.28.45 -40.95
Calcium chloride prices vary according to zone min. prices, spot. C.l. prices for flake in burlap paper-lined bags, $2.50 per ton over paper bags; drums $3.50 per ton over paper bags.
Gluconate, USP, gran., bbls..lb. .52 - —
dms. .....lb. .57 - .58
cns. .....lb. .70 - —
Powd., 2c. per lb. lower.
Glutamate, kgs. .....lb. 1.50 - —
Glycerophosphate, fiber dms., 1,000-lb. lots..lb. 1.29 - —
10-lb lots .....lb.1.40 - —
cns., 25 lbs. .....lb. 1.65 - —
Hypophosphite, cns. .....lb. .62 - .65
Iodide, bots., jars.....lb. 4.04 - 4.10
Lactate, edible, 100 lbs., dms., lb. .21 - —
USP, bbls. .....lb. .25 - .27
Laurate, bbls. .....lb. .28 - .29
Mandelate, dense, fluffy, dm..lb. 2.05 - 2.30
Naphthenate, 4% Ca, 50-gal. dms..lb. .22½- —
Pantothenate, dex., 100-gram bots..per gram. .10 - —
Phosphate, feeding grade, bgs., works..ton.75.00 - —
food grade, bbls., 10 or over, works..lb. .07 - .07¾
5 to 9 bbls., works.....lb. .08 - .09
1 to 4 bbls., works.....lb. .10 - —
medicinal, dibasic, bgs..... 100 lbs.11.40 -18.00
monobasic, cryst., bgs., c.l., works, frt. equald..lb. .05¾- —
l.c.l., frt. equald.....lb. .06 - .06½
tribasic, bbls., c.l., works.lb. .0635- —
Resinate, precip., 5.3% Ca, 100-lb. dms..lb. .15½- —
Silicate, hydrated, 50-lb. paper bgs., c.l., works..lb. .05½- —
l.c.l., works.....lb. .06 - —
Stearate, precip., bbls., c.l., works..lb. .25 - —
l.c.l., same basis.....lb. .26 - .28
Sulphate (see Gypsum).
Sulphide, 70%, bgs., c.l., works, ton.45.00 - —
80%, bgs., c.l., works....ton.50.00 - —
luminous, tins, works.....lb. 1.00 - —
Sulphocarbolate, bbls. .....lb. .49 - —
Tallate, 3%-4% Ca, 50-gal. dms..lb. .13¾- .19½
Calcium-strontium sulphide, phosphorescent, dms., works..lb. 1.00 - 1.50
fine particle size, works, lb. 1.50 - 1.75
Calendula flowers, bls.....lb. 3.25 - 3.30
Calomel,[3] bbls., dms.....lb. 1.88 - 1.89
Camphor, natural.....lb. No stocks
synth., tech., bbls., contract, 2,000 lbs. or more, works, lb. .42 - —
10 bbls. (1,500 lbs.).....lb. .44½- —
5 to 9 bbls.....lb. .45 - —
1 to 4 bbls.....lb. .46 - —
smaller lots.....lb. .48 - .55
USP, gran., powd., bbls., 2,000-lb. lots..lb. .69 - —
1,000-lb. lots.....lb. .70 - —
smaller lots.....lb. .71 - —
tablets, 2,000-lb. lots....lb. .82 - —
1,000-lb. lots.....lb. .83 - —
smaller lots.....lb. .84 - —
Monobromate, dms.....lb. 3.10 - 3.25
Canada balsam (see Fir balsam).
Cantharides .....lb. No stocks
Capsicum (see Pepper, red).
Caramel coloring, bbls.....gal. .70 - 1.10
Caraway seed,[1] Morocco, dewhiskered, bgs..lb. .69 - .70
Syrian, dewhiskered, bgs....lb. .66 - .67
Spanish, dewhiskered, bgs...lb. .68 - .70
Carbazole, 95%, dms., ton lots, works..lb. .70 - —
smaller lots, works.....lb. .80 - —
98%, dms., ton lots, works...lb. .75 - —
smaller lots, works.....lb. .85 - —
Carbinol, butyl, norm. (see Amyl alcohol, normal).
Diethyl, l.c.l., works.....lb. .60 - —
Dimethylethyl, l.c.l., works..lb. .60 - —
Isobutyl, dms., c.l., works..lb. .22½- —
l.c.l., works.....lb. .23½- —
tanks, works.....lb. .21½- —
Carbon bisulphide, 55-gal. dms., c.l., frt. alld. E. of Miss. R., N. of Ohio R..lb. .05 - —
l.c.l., same basis.....lb. .05¾- —
5-gal. dms., c.l., same basis, lb. .07 - .07½
l.c.l., same basis.....lb. .08 - .08½
Dioxide, cyls.....lb. .06 - .08
Tetrachloride,[1,6] c.p., dms., c.l., lb. .07½- —
l.c.l. .....lb. .08 - —
tech., Zone 1, 52½-gal. dms., c.l., frt. alld..gal. .73 - —
l.c.l., frt. alld.....gal. .80 - —
5 or 10-gal. dms., c.l., frt. alld..gal. .97 - —
l.c.l., frt. alld.....gal. 1.07 - —
Zone 2, 52½-gal. dms., c.l., frt. alld..gal. .60 - —
l.c.l., frt. alld.....gal. .87 - —
5 or 10-gal. dms., c.l., alld..gal. 1.04 - —
l.c.l., frt. alld.....gal. 1.14 - —
Zone 3, 52½-gal. dms., c.l., frt. alld..gal. .94 - —
l.c.l., frt. alld.....gal. 1.00 - —
5 or 10-gal. dms., c.l., frt. alld..gal. 1.17 - —
l.c.l., frt. alld.....gal. 1.27 - —
Zone 4, 52½-gal. dms., c.l., gal. .83 - —
l.c.l. .....gal. .90 - —
5 or 10-gal. dms., c.l..gal. 1.07 - —
l.c.l. .....gal. 1.17 - —
USP, cbys.....lb. .17 - .19
Carbon tetrachloride prices are frt. alld. with the exception of Zone 4, where prices are f.o.b. cars, L. A., Cal.; S. F., Cal.;



CHLORINE DIOXIDE now available to industry

2½ TIMES MORE POWERFUL THAN CHLORINE

Through Mathieson's new chlorite-chlorine process, this powerful oxidizing and bleaching agent is now available to you.

Already proven to have remarkable values, chlorine dioxide opens new opportunities for definite processing improvements:

- ***in water treatment to remove tastes, odors.***
- ***in checking blue mold in citrus fruits.***
- ***in the processing and bleaching of starch.***
- ***in multiple bleaching of flour.***
- ***in bleaching of soap, paper, textiles and other materials.***

Controlled amounts of chlorine dioxide, without chlorine contamination, are secured by a safe and simple reaction. Equipment consists of a small generator filled with flaked commercial sodium chlorite and equipped with measuring devices for accurate control of chlorine and air flow. You simply generate chlorine dioxide as needed:

$$\underset{\text{sodium chlorite}}{2\ NaClO_2} + \underset{\text{chlorine}}{Cl_2} \longrightarrow \underset{\text{chlorine dioxide}}{2\ ClO_2} + \underset{\text{salt}}{2\ NaCl}$$

Our technical service department will be glad to furnish information on the use of chlorine dioxide in your particular operations.

Mathieson
CHEMICALS

THE MATHIESON ALKALI WORKS (INC.) 60 EAST 42nd STREET, NEW YORK 17, N. Y.

CAUSTIC SODA . . . SODA ASH . . . BICARBONATE OF SODA . . . LIQUID CHLORINE . . . BLEACHING POWDER . . . AMMONIA, ANHYDROUS & AQUA . . . HTH PRODUCTS . . . FUSED ALKALI PRODUCTS . . . SYNTHETIC SALT CAKE . . . DRY ICE . . . CARBONIC GAS . . . SODIUM CHLORITE PRODUCTS . . . SODIUM METHYLATE

Portland, Ore., and Seattle, Wash. Sales zones are:—1, Conn., Del., Ill., Ind., Ia., Me., Mass., Md., Mich., Minn., Mo., N. H., N. J., N. Y., N. C., O., Pa., R. I., Tenn., Va., W. Va., Wis., and river cities of Burlington, Ia., and Kansas City, Kans.; 2, Ala., Ark., Fla., Ga., Kans., La., Miss., Neb., N. D., Okla., S. C., S. D.; 3, Colo., N. Mex., Tex., and Montana points E. of Billings; 4, Ariz., Cal., Idaho, Nev., Ore., Utah, Wash. and Montana points W. of Billings.

Cardamom,[1] bleached, cs.	lb.	1.30 - 1.40
decorticated, cs.	lb.	.95 - 1.00
green, bgs.	lb.	.60 - .62
Carotene, crystalline (alpha, 10%; beta, 90%), amps, 100 grams, dlvd.	gram.	2.85 - —
50 grams, dlvd.	gram.	2.90 - —
Carvol, bots.	lb.	22.50 -23.00
Cascara sagrada bark, bulk.	lb.	.31 - .32
Case hardening mixture, 30%, gran., dms., l.c.l.	lb.	.09¾- —
slabs, dms., l.c.l.	lb.	.08¾- —
Casein,[1,6] dom., acid-precip., bgs., 100 or more, ship't point.	lb.	.24 - —
20 to 99, same basis.	lb.	.24¼- —
less than 20, same basis,	lb.	.24¾- —
rennet-precip., bgs., 100 or more, same basis.	lb.	.25½- —
20 to 99, same basis.	lb.	.25¾- —
less than 20, same basis,	lb.	.26¼- —
imp., acid-precip., ground, bgs., 100 bgs. or more.	lb.	.18 - .19
rennet-precip., unground, bgs., 100 bgs. or more.	lb.	.20½- .21
Cassia,[1]	lb.	No stocks
Cassia fistula, bskts.	lb.	.23 - .24
Castor beans, f.o.b. Brazilian ports.	long ton	75.00 - —
Oil (see Oil, castor).		
Pomace,[1] bgs., c.l., works.	unit-ton.	2.90 - —
Castoreum, nat., cns.	lb.	12.50 -13.00
synth., bots.	lb.	19.00 - —
Catechol, CP, cryst., works, fib. dms., tins.	lb.	2.25 - 2.40
resublimed, frt. alld. E. of Miss., dms.	lb.	3.50 - —
Catnep, bls.	lb.	.27 - .28
Celery seed,[1] Indian, bgs.	lb.	.19¼- .19¾
Celluloid scrap (see Pyroxylin scrap).		
Cellulose acetate,[4,6] flake, ctns., works, frt. alld.	lb.	.30 - .35
granules, ctns., same basis.	lb.	.35 - —
Triacetate,[4,6] flake, ctns., works, frt. alld.	lb.	.30 - —
Cerium hydrate, dms., works.	lb.	.60 - —
Oxalate, USP, bbls., works.	lb.	.35 - —
kgs., works.	lb.	.37 - —
Oxide, optical grade, kgs., 100-lb. lots, works.	lb.	1.50 - —
smaller lots, bgs., same basis.	lb.	2.00 - —
Chalk, precipitated, cosmetics, dentifrices, and drugs, bgs., c.l., works.	lb.	.02⅞- —
paint and other industries, bgs., c.l., works.	ton.	40.00 - —
papermakers, bgs., c.l., works,	ton.	32.50 - —
rubbermakers, bgs., c.l., works,	ton.	30.00 - —
Chamomile, Hungary type, cs.	lb.	.50 - .60
Roman, bls.	lb.	No stocks
Charcoal, pinewood,[1,6] gran., pulv., bgs., c.l., f.o.b. producers' plants in South.	ton.	30.20 - —
l.c.l., same basis.	ton.	41.00 - —
Willow, powd., bbls.	lb.	.06 - .07
Chestnut extract,[1,6] clarif., 25%, bbls., c.l., works.	100 lbs.	2.85 - 3.85
l.c.l., works.	100 lbs.	3.10 - 4.10
tanks, works.	100 lbs.	2.25 - 3.25
powdered, 65% tannin, bgs., c.l., works.	100 lbs.	6.50 - 9.10
l.c.l., works.	100 lbs.	7.25 - 9.85
Chillies (see Pepper, red).		
China clay, dom., dry-grd., air-float, 99.75%, 300 mesh, bgs., c.l., works.	ton.	9.50 - —
l.c.l., works.	ton.	16.00 - —
bulk, c.l., works.	ton.	7.60 - —
200 mesh, bgs., c.l., wks.	ton.	8.50 - —
l.c.l., works.	ton.	9.50 -15.50
wet grd., silkbolt 99.9%, 325 mesh, bulk, c.l., works.	ton.	9.50 - —
paper bgs., c.l., works.	ton.	12.50 - —
import, white, lump, bulk, c.l., ex dock Balto., Boston, Norfolk, Phila.	ton.	19.00 -24.00
powd., cks., l.c.l., ex whse.	ton.	41.00 - —
Chloral hydrate, jars.	lb.	.93 - .98
dms.	lb.	.90 - .95
Chlorinated rubber,[6] standard, ctns., 100 lbs. up, works.	lb.	.32 - —
smaller lots, works.	lb.	.35 - —
Chlorine,[3,6,9] liquid, cyls., c.l.	lb.	.05½- —
contracts	lb.	.05¼- —
l.c.l.	lb.	.07¼- —
tanks, single units, works, frt. equald	100 lbs.	1.75 - —
multiple units, 3 or over, works, frt. equald.	100 lbs.	2.00 - —
2, wks., frt. equald.	100 lbs.	2.50 - —
1, wks., frt. equald.	100 lbs.	3.00 - —
Chloroform, tech., dms.	lb.	.20 - .23
USP, dms.	lb.	.30 - .33
Chloropicrin, com'l. 180-lb. cyls., works, frt. alld.	lb.	.80 - —
100-lb. cyls., same basis.	lb.	.82 - —
25-lb. cyls., ex whse.	lb.	1.00 - —
1-lb. bots., ex whse.	lb.	1.25 - —
Choline chloride, fib. dms.	lb.	3.00 - 3.10
Dihydrogen citrate, fib. dms.	lb.	3.00 - 3.10
Chrome acetate, powd., 24%, bbls.	lb.	.22 - —
solut., 8%, bbls., cs.	lb.	.07½- —
7½%, bbls., cs.	lb.	.06½- —
Cake, bulk, c.l., works.	ton.	16.00 - —
Ore,[1] residue, paper bgs., c.l., works.	ton.	15.00 - —
Oxide (see Green, chrome).		
Trioxide (see Acid, chromic).		
Yellow (see Yellow, chrome).		
Chyrsarobin, bot.	lb.	6.03 - 6.09
Cinchona bark,[6] red, quill, USP, 10 in., cs.	lb.	1.20 Nom.
broken, bgs.	lb.	.19 Nom.
yellow, quill, bgs.	lb.	.19 Nom.
Cinchonidine,[6] small, cryst., cns.,	100 oz.	.80 + .13½*
sulphate, NF, cns., 100 ozs.	oz.	.89 + .13½*

* Surcharge to cover present war-risk insurance, higher ocean freight rates and additional expenses over the cost of usual business. Changes in these controlling factors will be reflected in the surcharge invoiced.

Cinchonine,[6] small, cryst., cns.,	100 ozs. oz.	.62 + .13½*
large cryst., cns.,	100 ozs. oz.	.66 + .13½*
Sulphate, NF, cns.,	100 ozs. oz.	.42 + .13½*

* Surcharge to cover present war-risk insurance, higher ocean freight rates and other expenses over the cost of usual business. Changes in these controlling factors will be reflected in the surcharge invoiced.

Cinchophen, NF, bots.	lb.	3.70 - 3.80
dms.	lb.	3.50 - 3.60
Heavy density cinchophen 20c. per lb. higher.		
Cinnamic alcohol (see Alcohol, cinnamic).		
Aldehyde, cns., dms.	lb.	2.00 - 3.90
Cinnamon,[1] Ceylon, 2, bls.	lb.	.53 - .53½
No. 2, bls.	lb.	.52 - .53
chips, bgs.	lb.	.56 Nom.
Citral, bots., cns.	lb.	2.85 - 4.75
Citrine ointment,[2] jars.	lb.	.91 - 1.11
Citronellal, bots., dms.	lb.	2.75 - 3.25
Citronellol, bots., dms.	lb.	6.00 - 7.00
Cloves,[1] Madagascar, bls.	lb.	.18½- .19
Zanzibar, bls.	lb.	.21½- .22
Balto., bls.	lb.	.19½- .20
Clover tops, red bgs.	lb.	No prices.
Coaltar, coal-gas, crude, bbls., c.l., works.	bbl.	8.25 - —
c.l., works.	bbl.	8.75 - —
tanks, works.	gal.	.07½- —
refd., bbls., c.l., works.	bbl.	8.75 - —
l.c.l., works	bbl.	9.25 - —
tanks, works	gal.	.08½- —
water-gas, crude, dms., c.l., works.	bbl.	8.25 - —
l.c.l., works.	dm.	8.75 - —
refd., dms., c.l., works.	dm.	9.25 - —
Cobalt acetate,[6] bbls., kgs., dlvd.,	lb.	.83¾- —
feed grade, 49.5% Co., kgs.	lb.	1.25 - —
Carbonate,[6] powd., bgs., works,	lb.	1.58 - —
feed grade, 23% Co., kgs.	lb.	1.85 - —
Chloride, kgs., works.	lb.	.87½- —
feed grade, 24.5% Co., kgs.	lb.	1.23 - —
Hygrade,[6] bbls.	lb.	2.04 - —
feed grade, 22% Co., kgs.	lb.	2.25 - —
Linoleate, paste, 5%, dms.	lb.	.32 - .35
solid, 8½%, dms.	lb.	.44 - —
Naphthenate, 6% Co., 50-gal. dms.	lb.	.31 - —
Nitrate, feed grade, 20.4% Co., kgs.	lb.	1.25 - —
Oleate, bbls.	lb.	.44 Nom.
Oxide,[6] black, kgs.	lb.	1.84 - —
Phosphate, feed grade, 34% Co., kgs.	lb.	1.75 - —
Resinate, precip., 7.5% Co., 100-lb. dms.	lb.	.38½- —
Soyate, 8%-8.5% Co., 50-gal. dms.	lb.	.42 - .44
Sulphate,[6] dms.	lb.	.65 - —
feed grade, 21% Co., kgs.	lb.	1.00 - —

Cobalt salts, feed grade, quotations are f.o.b. Philadelphia, Cleveland, or New York.

Cobalt-ammonium sulphate, 14% Co., kgs.	lb.	.75 - —
Cocaine hydrochloride, 100-oz. lots, cns.	oz.	9.75 - —
Cochineal, gray, bgs.	lb.	.37 - .38
silver, Teneriffe, bgs.	lb.	.38 - .39
Cocoa butter,[1] bulk, ship't pt.	lb.	.25 - —
Cociliana bark, bgs.	lb.	.28 - .30
Codeine, cns., 100 ozs.	oz.	11.70 - —
Hydrochloride, cns., 100 ozs.	oz.	10.50 - —
Phosphate, cns., 100 ozs.	oz.	9.00 - —
Sulphate, cns., 100 ozs.	oz.	9.50 - —
Codliver oil (see Oil, codliver).		
Cohosh root, black, bls.	lb.	.18 - .20
blue, bls.	lb.	.18 - .20
Colchicine, bots., cns.	oz.	No stocks.
Cochicum seed	lb.	No stocks.
Collodion, USP, dms.	lb.	.19½- .20½
cns.	lb.	.23 - .29½
flexible, USP, dms.	lb.	.21 - .22
cns.	lb.	.25 - .31
Colocynth pulp, bls.	lb.	.60 - .65
Colombo root, bls.	lb.	.17 - .18
Coltsfoot leaves, bgs.	lb.	.90 - 1.00
Condurango bark, bg.	lb.	.12 - .15
Copaiba balsam, Peru, cns.	lb.	.47 - .49
S. A., USP, cns.	lb.	.50 - .52

Copper acetate,[6] cupric, bbls., dlvd.	lb.	.24 - —
smaller containers, dlvd.	lb.	.38 - .50
Carbonate,[6] 52-54%, bbls.	lb.	.19½- .20
Chloride,[6] anhyd., bbls.	lb.	.22½- .23
crystals, bbls.	lb.	.14¾- .17
Cyanide,[6] tech., bbls.	lb.	.34 - .36
Iodide, bots.	lb.	5.15 - 5.19
Metal,[1,3,5] electrolytic	lb.	.12 - .12½
Naphthenate, 6%-8% Cu, 50-gal. dms.	lb.	.15 - .17
Nitrate,[6] tech., cryst., bbls.	lb.	.16¾- .20
Oleate, precip., bbls.	lb.	.22½- .29½
Oxide,[6] black, bbls., works.	lb.	.19 - .28
red, com'l, kgs.	lb.	.20 - .22
Oxychloride-sulphate,[6] bgs.	lb.	.17 - .20
Resinate, precip., 8.3% Cu, 125-lb. dms.	lb.	.15½- .16
Sulphate,[1,6] 99%, cryst., bgs., c.l., works.	100 lbs.	5.00 - —
7,200 to 36,000 lbs.	100 lbs.	5.15 - —
2,700 to 7,200 lbs.	100 lbs.	5.25 - —
700 to 2,700 lbs.	100 lbs.	5.50 - —
monohydrated, bgs., in dms., c.l., dlvd.	100 lbs.	9.95 - —
l.c.l., same basis.	100 lbs.	10.95 - —
dms., c.l., dlvd., same basis,	100 lbs.	8.95 - —
l.c.l., same basis.	100 lbs.	9.95 - —
Copperas, cryst., gran., bgs., c.l., works.	ton.	17.00 - —
bbls., c.l., works.	ton.	20.00 - —
l.c.l., 25, works.	100 lbs.	1.55 - —
1-4, works.	100 lbs.	2.00 - —
bulk, c.l., works.	ton.	14.00 - —
Copra, Coast, ship't.	lb.	No prices
Coriander seed,[1] Indian, bgs.	lb.	No stocks
Morocco, bgs.	lb.	No stocks
Cornsilk, bls.	lb.	.24 - .25
Corn sugar, tanners,[6] chipped, bgs., c.l., dlvd.	100 lbs.	3.905 - —
slabs, bbls., c.l.	100 lbs.	3.825 - —
Syrup, 42°, bbls., c.l.	100 lbs.	4.221 - —
43°, bbls., c.l.	100 lbs.	4.271 - —
Corrosive sublimate,[3] cryst., dms., 50 lbs. or more.	lb.	1.59 - —
gran., powd., dms., 50 lbs. or more.	lb.	1.44 - —
Cottonroot bark, bls.	lb.	.18 - .19
Cottonseed hull ash, 33-36% pot-ash, bgs., dlvd.	unit-ton.	1.00 - —
Meal,[1] 41% protein, Memphis, c.l.	ton.	45.00 -49.75
Coumarin,1 cns., makers, primary distrib., 5 lbs. or more.	lb.	2.75 - —
smaller lots.	lb.	2.90 - 3.10
Cramp bark, NF, bls.	lb.	.80 - .85
Cream of tartar, USP, gran. or powd., bbls., 5,000 lbs. one ship't.	lb.	.57½- —
smaller lots, bbls.	lb.	.58 - —
kgs.	lb.	.58½- —
Creosote carbonate, bots., cbys.,	lb.	2.10 - 2.39
Coaltar, oil,[3] crude, tanks, works.	gal.	.15½- —
refd., bbls., l.c.l., works.	gal.	.26 - —
tanks, works.	gal.	.18 - .18½
solution, tanks, works.	gal.	.141 - —
Wood, beech, bots.	lb.	1.04 - —
cbys., dms.	lb.	.85 - —
Hardwood, USP, bots.	lb.	.60 - .77
Pine, dms.	gal.	.28 - —
Cresol,[2,6] special resin grades, dms., c.l., works, frt. equald.,	lb.	.09½- .10½
l.c.l., same basis.	lb.	.10 - .11
tanks, same basis.	lb.	.08¾- .09¾
USP, dms., c.l., works, freight equald.	lb.	.10¾- .11¼
l.c.l., same basis.	lb.	.11¼- .11¾
tanks, same basis.	lb.	.10 - .10½
Crotonaldehyde, 97%, 55 and 110 gals., l.c.l., works.	lb.	.15 - —
5 and 10-gal. dms., works.	lb.	.18 - —

SPOT DELIVERIES

LACTIC ACID U.S.P.

Heavy Calcined Magnesia
Sodium Sulfite, Foto Grade
Sodium Citrate, U.S.P.
Tricalcium Phosphate, U.S.P.
Zinc Sulfate

ZINC CHLORIDE SOLID

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NICKEL FORMATE • Also NICKEL CATALYST • NICKEL CARBONATE • NICKEL OXIDE, ETC.

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Cryolite, nat.,[4] bgs., bbls., c.l., 100 lbs. 9.50 - —
smaller lots.....100 lbs.10.00 - —
synth.,[4] bgs., bbls., c.l., frt. alld. E. of Miss. R..lb. .06½- —
smaller lots, works.....lb. .09¾- —
Cube root, 5% rotenone, bbls., works..lb. .40 - —
4% rotenone, bbls., works..lb. .32 - —
Cubeb berries, XX, bgs.....lb. No stocks
powd., cs.....lb. No stocks
Culver's root, bls.....lb. .27 - .28
Cumin seed, Cyprus, bgs.....lb. No stocks
Indian, bgs.....lb. No stocks
Morocco, bgs.....lb. No stocks
Persian, bgs.....lb. No stocks
Cyanamide,[6] fertilizer mixing grade, guaranteed 21% N., pulv., bgs., Niagara Falls, Ont., contracts..unit-ton. 1.52¼- —
20.6% N., gran., bulk, same basis..unit-ton. 1.62½- —
Cyclohexane, 98-100%, works..lb. .14 - .16
tech., dms., c.l., frt. alld. E..lb. .10¾- —
l.c.l., frt. alld. E.....lb. .11 - —
tanks, frt. alld. E.....lb. .09½- —

Cyclohexane prices are 1c. per lb. higher, frt. alld., in Cal., Ore., Tex., and Wash.; 2c. higher in Ariz., Col., Ida., Kans., Mont., Neb., Nov., N. D., N. M., Okla., S. D., Utah, and Wyo.

Cyclohexanol, 98-100%, works..lb. .21 - .23
Cyclohexanone, 98-100%, wks..lb. .30 - .32
tech., dms., c.l., frt. alld. E., lb. .30 - —
l.c.l., frt. alld. E.....lb. .30½- —
tanks, frt. alld. E.....lb. .29 - —

Cyclohexanone prices are 1c. per lb. higher, frt. alld., in Cal., Ore., Tex., and Wash.; 2c. higher in Ariz., Col., Ida., Kans., Mont., Neb., Nev., N. D., N. M., Okla., S. D., Utah, and Wyo.

Cyclopropane, USP, cyls., dlvd., gal. .27 - —

D

Dandelion root, bls.....lb. .30 - .32
Decanol,[6] normal, tech., dms., dlvd..lb. .35 - —
Deertongue, bls.....lb. .23 Nom.
Defluorinated phosphate,[1] paper bgs., works..ton.34.25 - —
Degras,[1,6] common, bbls.....lb. .10 - .13
neutral, 2% ffa, bbls.....lb. .26 - .29
over 2% ffa, bbls.....lb. .25 - .27
Damiana leaves, bls.....lb. .16 - .17
Derris root (same as Cube root).
Dextrin, British gum, bgs., c.l., 100 lbs. 5.29 - —
Chicago .....100 lbs. 4.93 - —
l.c.l. .....100 lbs. 5.39 - —
Chicago .....100 lbs. 5.03 - —
Corn, canary, bgs., c.l...100 lbs. 5.04 - —
Chicago .....100 lbs. 4.68 - —
l.c.l. .....100 lbs. 5.14 - —
Chicago .....100 lbs. 4.78 - —
white, bgs., c.l.....100 lbs. 4.97 - —
Chicago .....100 lbs. 4.61 - —
l.c.l. .....100 lbs. 5.07 - —
Chicago .....100 lbs. 4.71 - —
Potato, bgs., c.l.....lb. .10 - —
l.c.l. .....lb. .10¾- .11⅝
Diacetone (see Alcohol, diacetone).
Diacetyl, bots.....lb. 6.00 - 7.00
Diamyl ether (see Amyl ether).
Phthalate,[6] dms., c.l., dlvd..lb. .2170- .2200
l.c.l., dlvd.....lb. .2220- .2250
tanks, dlvd.....lb. .2070- .2100
Sulphide, l.c.l., dms., works..lb. .25 - —
Diamylamine, dms., c.l., wks..lb. .61 - —
l.c.l., works.....lb. .64 - —
Diamylphenol, 2:4, dms., c.l., works..lb. .18 - —
l.c.l. .....lb. .21 - —
Diatomaceous earth, dom., CP., bgs., c.l., Atlantic Coast, lb. .07 - —
l.c.l., ex whse.....lb. .10 - .16
nat., bgs., c.l., Pacific Coast, ton.22.00 -25.00
l.c.l., ex whse.....ton.45.00 - —
purified, bgs., c.l., Atlantic Coast..ton.55.00 -59.00
l.c.l., ex whse.....ton.85.00 -90.00
imported, Algerian, bgs., c.l., Atlantic Coast..ton. No prices
Mexican, white, bgs., c.l., Atlantic Coast..lb. .02 - .03
l.c.l. .....lb. .04 - .06
Dibutyl phthalate,[6] 5-gal. cns., works..lb. .2490- —
1-gal. cns., same basis..lb. .2690- —
dms., c.l., same basis....lb. .1960- .2110
l.c.l., same basis.....lb. .2010- .2160
tanks, same basis.....lb. .1860- .2010
Sebacate, dms., works.....lb. .497 - .517
Tartrate, dms.....lb. .92 - 1.02
Dibutylamine, dms., c.l., works, lb. .61 - —
l.c.l., works.....lb. .64 - —
Dichloroethyl ether,[6] dms., c.l., works..lb. .15 - —
l.c.l. .....lb. .16 - —
tanks .....lb. .14 - —
Diethanolamine,[6] dms., c.l., frt. alld. in E..lb. .24 - —
l.c.l., same basis.....lb. .25 - —
tanks, same basis.....lb. .23 - —
Diethyl carbonate, com'l, dms.lb. .35 - —
refd., 99%, dms.....lb. .30 - —
Oxalate, dms., c.l., dlvd.....lb. .3020- —
l.c.l., dlvd.....lb. .3070- —
Phthalate,[6] dms., c.l., dlvd..lb. .2025- .2120
l.c.l. .....lb. .2075- .2170
tanks .....lb. .1925- .2050
Diethyl sulphate, dms., c.l., works..lb. .15 - —
l.c.l., works.....lb. .14 - —
tanks .....lb. .12 - —
Diethylamine, dms., c.l., works, lb. .76 - —
l.c.l., works.....lb. .81 - —
Diethylaminoethanol,[6] l.c.l., dms., works, frt. alld. E. of Miss. R..lb. .75 - —
Diethylaniline, dms.....lb. .40 - —
Diethyleneglycol,[6] dms., c.l., frt. alld. in E..lb. .14½- —
l.c.l., same basis.....lb. .15½- —
tanks, same basis.....lb. .13½- —
Monobutylether, dms., works..lb. .22½- .24½
Monoethylether,[6] dms., c.l., works..lb. .14½- —
l.c.l., works.....lb. .15½- —
tanks, works.....lb. .13½- —
Digitalis leaves, dms.....lb. .60 - .65
Diglycol laurate, dms.....lb. .31 - .32
Oleate, light, bbls., c.l.....lb. .17 - —
Stearate, bbls., c.l.....lb. .22 - —
Di-isobutyl ketone, dms., works, lb. .19 - —
Dilseed, cleaned, bgs.....lb. No stocks
dewhiskered, later delivery, bgs..lb. .17 - .17½
Dimethyl phthalate,[6] dms., c.l., dlvd..lb. .1875- —
l.c.l., dlvd.....lb. .1925- —
tanks, dlvd.....lb. .1775- —
Dimethylamine, dms., c.l.....lb. .85 - —
l.c.l., dlvd.....lb. .90 - —
Dimethylaniline, dms., c.l.....lb. .23 - —
l.c.l., dms.....lb. .24 - —
Dinitrobenzene, bbls., 80° min.lb. .18 - —
Dinitrochlorobenzene, dms.....lb. .14 - —
Dinitronaphthalene, kgs.....lb. .35 - .38
Dinitrophenol, bbls.....lb. .22 - —
Dinitrotoluene, dms.....lb. .18 - —
oily, dms.....lb. .05 - —
Diorthotoluolguanidin,[6] dms., tons, dlvd..lb. .44 - —
smaller lots.....lb. .46 - .47
Dioxan, dms., c.l., frt. alld...lb. .20 - —
l.c.l., same basis.....lb. .21 - —
tanks, same basis.....lb. .19 - —
Dip oil (see Tar acid oil).
Dipentene,[1,6] S.D. dms., dlvd. E., gal. .56 - .58
tanks, dlvd. E.....gal. .52 - —
dest., dist., dms., dlvd. E..gal. .55 - .56
tanks, dlvd. E.....gal. .45 - —
Diphenyl, bbls., c.l., works...lb. .15 - —
l.c.l., works.....lb. .16 - .20
Oxide, perfume grade, cns...lb. .46 - .50
dms. .....lb. .43 - .45
Diphenylamine,[6] bbls.....lb. .25 - —
Diphenylguanidin,[6] dms., tons, lb. .85 - —
Dimethylethyl carbinol (see Carbinol).
smaller lots.....lb. .36 - .37
Divi-divi,[6] bgs., ex dock.....ton.68.00 -70.00
Doggrass root, imp., cut, NF, bls..lb. .50 - .55
dom., bls.....lb. .36 - .45
Dogwood bark, Jamaica, bls...lb. .15 - .20
Dover's powder, USP, cns.....lb. 2.75 Nom.
Dragon's blood, reeds, cs.....lb. .85 - .90
Dyes, coaltar (certified colors) for foods, drugs and cosmetics:—
Blue, FD&C blue, No. 1, cns..lb.13.50 - —
FD&C blue, No. 2, cns.....lb.13.50 - —
Green, FD&C green, No. 1 cns., lb.13.50 - —
FD&C green, No. 2, cns...lb.13.50 - —
FD&C green, No. 3, cns...lb.27.50 - —
Orange, FD&C orange, No. 1, cns..lb. 2.90 - —
FD&C orange, No. 2, cns..lb. 3.05 - —
Dyes, coaltar (certified colors) for foods, drugs and cosmetics:—
Red, FD&C red, No. 1, cns..lb. 6.00 - —
FD&C red, No. 2, cns.....lb. 3.15 - —
FD&C red, No. 3, cns.....lb.17.50 - —
FD&C red, No. 4, cns.....lb. 5.75 - —
FD&C red, No. 32, cns.....lb. 4.15 - —
Yellow, FD&C yellow, No. 1, cns..lb. 8.50 - —
FD&C yellow, No. 3, cns..lb. 2.65 - —
FD&C yellow, No. 4, cns..lb. 2.95 - —
FD&C yellow, No. 5, cns..lb. 3.15 - —
FD&C yellow, No. 6, cns..lb. 3.15 - —
Dyes, coaltar (certified colors) for drugs and cosmetics:—
Black, D&C black, No. 1, cns., lb. 8.35 - —
Blue, D&C blue, No. 4, cns..lb.12.35 - —
Brown, D&C brown, No. 1, cns.12.35 - —
Green, D&C green, No. 5, cns., lb.12.35 - —
D&C green, No. 6, cns.....lb.12.35 - —
Orange, D&C orange, No. 5, cns..lb. 8.35 - —
D&C orange, No. 4, cns..lb.15.35 - —
D&C orange, No. 10, cns...lb.15.35 - —
Red, D&C red, No. 8, cns...lb. 2.85 - —
D&C red, No. 17, cns.....lb. 8.35 - —
D&C red, No. 18, cns.....lb.15.35 - —
D&C red, No. 19, cns.....lb.15.35 - —
D&C red, No. 22, cns.....lb. 8.35 - —
D&C red, No. 35, cns.....lb.13.35 - —
D&C red, No. 37, cns.....lb.12.35 - —
Yellow, D&C yellow, No. 7, cns..lb. 8.35 - —
D&C yellow, No. 8, cns....lb. 8.35 - —
D&C yellow, No. 11, cns...lb.10.35 - —
Dyes, coaltar (certified colors), for external use, drugs and cosmetics:—
Blue, Ext. D&C blue, No. 1, cns..lb.12.35 - —
Green, Ext. D&C green, No. 1, cns..lb.12.35 - —
Red, Ext., D&C red, No. 1, cns..lb.10.35 - —
Ext. D&C red, No. 3, cns..lb.21.85 - —
Ext. D&C red, No. 8, cns..lb. 7.85 - —
Ext. D&C red, No. 10, cns.lb.12.35 - —
Ext. D&C red, No. 13, cns.lb.12.35 - —
Yellow, Ext. D&C yellow, No. 1, cns..lb. 8.35 - —
Dyes, coaltar, for general use[5] (numbers are those of Colour Index scale):—
36 Chrome yellow, 2G....lb. .65 - .70
40 Chrome yellow R.....lb. .50 - 1.00
53 Victoria violet.....lb. .80 - 1.00
165 Lake red C.....lb. .70 - .80
170 Fast red A[4].....lb. .56 - .60
180 Fast red VR.....lb. 1.50 - 1.60
189 Lake red R, paste...lb. .85 - .90
189 Lake red R, powd...lb. 3.00 - 3.10
202 Chrome blue black U..lb. .35 - .42
204 Chrome black A.....lb. .42 - .45
208 Fast red blue R.....lb. .75 - 2.00
216 Chrome red B.....lb. 1.75 - 2.00
262 Cloth red 2B.....lb. .60 - .80
289 Fast cyanin 5R.....lb. .90 - 1.00
299 Chrome black F.....lb. .85 - .88
304 Paper yellow.....lb. .83 - .90
307 Fast cyanin black B.lb. .80 - .85
320 Direct fast scarlet...lb. 2.00 - 2.25
365 Chyrophenin G.....lb. .68 - .70
382 Direct scarlet B.....lb. 1.15 - 1.20
387 Direct violet B.....lb. 1.00 - 1.30
394 Direct violet N.....lb. .80 - .85
401 Developed black BHN, lb. .45 - .60
406 Direct blue 2B.....lb. .66 - .70
416 Direct orange B.....lb. .60 - .70
419 Direct fast red F.....lb. .70 - .73
420 Direct brown M.....lb. .55 - .57
448 Benzo purpurin 4B...lb. .65 - .68
495 Benzo purpurin 10B..lb. .40 - .50
502 Direct azcrin G.....lb. .75 - .80
512 Direct blue RD.....lb. .80 - 1.00
518 Direct pure blue 6B..lb. 1.20 - 1.30
520 Direct pure blue.....lb. .50 - 1.00
529 Direct fast black FF.lb. .55 - 1.00
581 Direct black EW.....lb. .50 - .54
582 Direct black RX.....lb. .35 - .45
592 Direct green B.....lb. .50 - .55
594 Direct green G.....lb. .50 - .55
596 Direct brown 3GO...lb. .85 - 1.00
620 Direct yellow R.....lb. 1.25 - 1.50
698 Acid violet.....lb. 1.00 - 3.00
812 Primulin .....lb. .70 - .73
814 Direct fast yellow....lb. 2.00 - 2.25
845 Nigrosin (water soluble) lb. .35 - .50
1177 Indigo, 20% paste....lb. .15 - .18
Benzo fast black L...lb. .90 - 1.00
Sulphur black.....lb. .20 - .25
Sulphur blue.....lb. .45 - 1.00
Sulphur brown.....lb. .25 - .50
Sulphur maroon.....lb. .40 - —
Sulphur tan.....lb. .30 - .50
Sulphur olive.....lb. .25 - .54
Sulphur yellow.....lb. .30 - .50
Zambesi black.....lb. .75 - .80
Black:—
865 Nigrosin derivatives..lb. .36 - .44
Blue:—
7075 Alizarin astral base..lb.15.00 -
1078 Alizarin cyanin, green base..lb. 6.00 -
Brown:—
Brown .....lb. 1.15 - —
Green:—
1078 Alizarin cyanin green lb. 5.00 -
Green .....lb. .75 -
Orange:—
24 Sudan I.....lb. .75 - —
Red shade.....lb. .75 - —
Red:—
75 Sudan II.....lb. .80 - —
258 Sudan IV.....lb. .85 - —
680 Oil violet.....lb. .60 - —
749 Rhodamine B (oil pink) lb. 2.50 - —
1080 Anthraquinone, violet base..lb. 6.00 - —
Dyes, coaltar, for general use[5] (numbers are those of Colour Index scale):—
Yellow:—
15 Amidoazobenzene yellow..lb. .90 - —
17 Amidoazotoluene yellow. lb. .75 - —
61 Yellow OB.....lb. 1.40 - 2.00
Dyes, coaltar, for stains, spirit-soluble (prices in barrels of 250 lbs. each; lots of 25 lbs. to a barrel, 3c. per lb. higher, f.o.b. sellers' works or warehouse).
Black:—
246 Naphthol blue black S. lb. .50 - —
729 Victoria blue B.....lb. 1.35 - —
861 Indulin .....lb. .87 - —
873 Methylene gray.....lb. 1.50 - —
909 New blue F.....lb. 1.20 - —
922 Methylene blue.....lb. 1.00 - —
1054 Alizarin saphirol B..lb. 1.90 - —
1160 Indigotin IA.....lb. .85 - —
Blue:—
714 Patent blue A.....lb. 1.05 - 1.10
Brown:—
231 Bismarck brown G...lb. .47 - .62
254 Resorcin brown Y....lb. .65 - —
295 Resorcin dark brown R. lb. .66 - —
332 Bismarck brown R..lb. .47 - .62
793 Phosphin .....lb. 4.65 - —
Green:—
6 Naphthol green B....lb. 1.00 - —
657 Malachite green.....lb. 1.35 - —
662 Brilliant green.....lb. 2.00 - —
666 Guinea green B.....lb. 1.15 - —
737 Wool green S.....lb. .58 - —
924 Methylene green B...lb. 1.55 - —
1078 Alisarin cyanin green.lb. 2.00 - —
Orange:—
10 Chrysoidin G.....lb. .44 - —
31 Chrysoidin R.....lb. .41 - —
27 Orange G.....lb. .50 - —
31 Amidonaphthol red G.lb. .42 - —
37 Amidonaphthol Red 6B. lb. .68 - —
151 Orange Y.....lb. .31 - .33
161 Orange R.....lb. .34 - —
Red:—
79 Ponceau R.....lb. .48 - —
88 Fast red B.....lb. 1.05 - —
176 Fast red A[4].....lb. .54 - —
179 Asorubin .....lb. .60 - —
183 Crocein scarlet 3BX..lb. .72 - .75
185 Cochineal red A.....lb. .60 - —
252 Brilliant crocein M...lb. .68 - —
677 Fuchsin .....lb. 2.10 - —
749 Rhodamine B.....lb. 2.50 - —
752 Rhodamine 6G.....lb. 4.50 - —
768 Eosin G.....lb. 1.50 - —
841 Safranin .....lb. 1.45 - —
Violet:—
680 Methyl violet B.....lb. .70 - .75
681 Crystal violet B.....lb. 1.75 - —
695 Acid violet 4BN.....lb. .88 - —
Yellow:—
10 Naphthol yellow S...lb. .88 - —
138 Metanil yellow.....lb. .56 - .58
636 Fast light yellow....lb. 1.25 - —
639 Xylene light yellow..lb. 1.15 - —
640 Tartrazin .....lb. .80 - —
655 Auramine .....lb. 1.27 - —
Dyes, coaltar, for stains, water-soluble (prices in barrels of 250 lbs. each; lots of 25 lbs. to a barrel, 3c. per lb. higher, f.o.b. sellers works or warehouse).
Black:—
864 Nigrosin .....lb. .36 - .44
Blue:—
860 Indulin .....lb. .60 - .70
Brown:—
331 Bismarck brown.....lb. 1.50 - —
Green:—
637 Malachite green base.lb. 2.00 - —
Orange:—
20 Chrysoidin G.....lb. .95 - —
21 Chrysoidin R.....lb. .96 - —
Red:—
677 Fuchsin, magenta, base, lb. 7.25 - —
749 Rhodamine B.....lb. 4.75 - —
Yellow:—
67 Amidoazotoluene yellow, lb. .75 - —
655 Auramine .....lb. 2.00 - —
800 Chinolin yellow SS...lb. 2.00 - —
Violet:—
680 Methyl violet base....lb. .85 - —
Dyes, natural (see name of article).

E

Echinacea root, bls.....lb. .95 - 1.00
Egg[1] albumen (see Albumen).
Yolk, dried, dom.....lb. 1.07 - 1.13
imported .....lb. No stocks
Elder flowers, bright, bls.....lb. .58 - .59
Elecampane root, bls.....lb. No stocks
Elm bark, grinding, bls.....lb. .15 - .18
powd., bbls., bxs.....lb. .25 - .26
select, bndls.....lb. .26 - .27
Emetine[6] hydrochloride, bots..oz.21.00 -33.00
Ephedra, bls.....lb. .21 - .22
Ephedrine, natural, USP, anhydrous, bots..oz. 1.15 - 1.65
Hydrochloride or sulphate, tins..oz. .95 - 1.45
synthetic, USP, anhyd., bots., 100 ozs..oz. .65 - —
Hemihydrate, bots., 100 ozs. oz. .65 - —
Hydrochloride, tins, 100 ozs. or more..oz. .50 - —
Sulphate, cryst., tins, 100 ozs. or more..oz. .48 - —
Epinephrine, synth., USP, bots., gram. .75 - —
Epsom salt, tech., bgs.....100 lbs. 1.80 - —
bbls. .....100 lbs. 1.90 - —
USP, cryst., bgs., c.l...100 lbs. 2.00 - —
l.c.l., 5,000 lbs., 1 withdrawal..100 lbs. 2.25 - —
smaller lots.....100 lbs. 2.50 - —
bbls., c.l.....100 lbs. 2.10 - —
l.c.l., 5,000 lbs., 1 withdrawal..100 lbs. 2.35 - —
smaller lots.....100 lbs. 2.00 - —
kgs., c.l.....100 lbs. 2.35 - —
l.c.l., 5,000 lbs., 1 withdrawal..100 lbs. 2.60 - —
smaller lots.....100 lbs. 2.85 - —
dried, bgs., l.c.l.....lb. .08 - .09

Epsom salt prices are freight equalized with Balto., Carteret, N. J.; Chicago, Cincinnati, Cleveland, Houston, New Orleans, New York.

Ergot, USP, dms.....lb. 1.40 - 1.45
Eserine, bots.....oz. No prices
Sulphate, 1-gram vials.....vial 2.10 - —
Ether, acetic (see Ethyl acetate).
Amyl (see Amyl ether).
Butyl, l.c.l., dms., dlvd.....lb. .30 - —
Ethyl (see Ether, sulphuric).
Nitrous, conc., bot., 100 lbs..lb. .93 - 1.10
Sulphuric, conc., dms.....lb. .11 - .16
USP anesthesia, hospitals, 1-lb. cns..lb. .60 - .61
Ether, sulphuric, synthetic, dms., c.l., works..lb. .14½- —
l.c.l., works.....lb. .15½- —
tanks .....lb. .12½- —
95-98%, dms., c.l., frt. alld. lb. .1225- .1335
l.c.l., frt. alld.....lb. .1220- .1325
tanks, frt. alld.....lb. .1070- .1175
Ethyl acetate, 95-99%, dms., c.l., frt. alld..lb. .1225- .1335
l.c.l., frt. alld.....lb. .1275- .1385
tanks, frt. alld.....lb. .1125- .1235
NF, dms.....lb. .14½- .15½
Acetoacetate, dms., c.l., works, lb. .37½- —
l.c.l., frt. alld.....lb. .38 - —
Benzoate, bots.....lb. .90 - 1.00
Bromide, tech., dms.....lb. .50 - .55
Carbamate, dms., dlvd. E....lb. .58 - —
Chloride, dms.....lb. .18 - .20
Cinnamate, cns.....lb. 3.25 - 3.85
Formate, dms., f.o.b., Agnue, Calif..lb. .26 - .32
Iodide, bots.....lb. 3.50 - 3.60
Lactate, dms., works.....lb. .33½- .39½
Myristate, dms., works.....lb. .55 - —
Oenanthate, dms.....lb. .75 - 1.25
Oleate, dms., works.....lb. .47 - —
Oxalate, dms., frt. alld.....lb. .33 - —
Silicate, l.c.l., dms., works..lb. .77 - —
Ethylcellulose,[6] standard, pkgs., 5,000 lbs. or more, works..lb. .50 - —
smaller lots, same basis....lb. .52 - .60
Ethyldiethanolamine, dms., l.c.l., works..lb. .80 - —
Ethylene dichloride,[6] dms., c.l., works, E. of Rockies, frt. alld..lb. .0642 - —
West of Rockies, same basis..lb. .0891- —
l.c.l., works, E. of Rockies, frt. alld..lb. .0801- —
West of Rockies, same basis..lb. .0941- —
tanks, E. of Rockies, same basis..lb. .0743- —
West of Rockies, same basis..lb. .0792- —
Ethyleneglycol,[3,6] dms., c.l., frt. alld. in E..lb. .10 - —
l.c.l., same basis.....lb. .11 - —
tanks, same basis.....lb. .09 - —
Monobutylether,[6] dms., c.l., works..lb. .16½- —
l.c.l., works.....lb. .17½- .20½
tanks, works.....lb. .15½- —
Monoethylether, dms., c.l., works..lb. .14½- —
l.c.l., works.....lb. .15½- .16½
tanks, works.....lb. .13½- —
Monoethylether acetate, dms., c.l., works..lb. .11½- —
l.c.l., dms.....lb. .12½- .15½
tanks, works.....lb. .10½- —
Monomethylether, dms., c.l., works..lb. .15½- —
l.c.l., works.....lb. .16½- —
tanks, works.....lb. .14½- —
Ethylethanolamine, dms., c.l., works..lb. .57 - —
l.c.l., works.....lb. .60 - —
Ethylmorphine hydrochloride, bots..oz.10.55 -10.75
Ethylidinanilin, dms.....lb. .45 - .47½
Ethylmonoethanolamine, l.c.l., dms., works..lb. .80 - —
Ethylvanillin,[1] cns., makers, primary distrib., 5 lbs. or more, lb. 5.25 - —
smaller lots.....lb. 5.30 - 5.40
Eucalyptol, cns., dms.....lb. 2.50 - 3.00
Eucalyptus leaves, bls.....lb. .10 - .15
Eugenol, cns., dms.....lb. 2.65 - 3.25
Euphorbia, bls.....lb. .12 - .15

F

Feldspar, enamel, 100 mesh, bulk, c.l., works..ton.14.00 -17.50
bgs., min. 2 tons.....ton.17.00 -20.50
glass, 20 mesh, bulk, c.l., works..ton. 9.75 -12.25
bgs., l.c.l., min. 2 tons..ton.12.75 -16.25
pottery, bulk, c.l., works...ton.17.00 -19.00
l.c.l., bgs., min. 2 tons..ton.20.00 -22.00
Fennel seed, Argentine, bgs...lb. No stocks
Indian, bgs.....lb. .16½ Nom.
Fenugreek seed, domestic, bgs.lb. .18¾- .19¾
Indian, bgs.....lb. No stocks
Morocco, bgs.....lb. No stocks
Ferric sulphate, anhyd., bgs., c.l., works..ton.35.00 - —
l.c.l. .....ton.40.00 - —
Film scrap, colored, cs., 50 lbs. or over, works..lb. .13½- —
smaller lots, works.....lb. .15 - —
water white, cs., 50 lbs. or over, works..lb. .14½- —
smaller lots, works.....lb. .17 - —
Fir balsam, Canada, cns.....gal.19.00 -20.00
Oregon, bbls.....gal. 2.35 - 2.50
Fishberries, bgs.....lb. .23 - .24
Fishoils (see Oil, fishliver).
Fishmeal,[1] grd., 60% protein, bgs., E. works..ton.72.50 - —
65% protein, same basis..ton.78.50 - —
Fishscrap, dried, 60% protein, bulk, East Coast..ton.66.50 - —
Flake, white, bbls.....lb. .99 - —
kegs .....lb. .11 - —
Fleaseed, French, black, bgs...lb. .70 - .73
Indian, blonde, bgs.....lb. .13 - .16
Fluorspar,[1] No. 1, ground, 95-98% CaF_2, bulk, c.l., mines, net ton.37.00 - —
washed gravel, 70% or more CaF_2, mines..net ton.33.00 - —
65%, mines.....net ton.32.00 - —
60%, mines.....net ton.31.00 - —
less than 60%, mines..net ton.30.00 - —
Formaldehyde,[1,6] bbls., kgs., c.l. works..lb. .0550- —
l.c.l., works.....lb. .06 - —
dms., c.l., works.....lb. .0490- —
l.c.l., works.....lb. .0540- —
tanks, works.....lb. .0360- —
Fringetree bark, bls.....lb. No stocks
Fuller's earth, dom., powdered, bgs., c.l., Fla., Ga. mines, ton. 8.50 -15.00
Tex. mines.....ton.12.50 - —
spent, bulk, Bayonne...ton. 3.00 - —
Chicago .....ton. 4.00 - —
imp., bgs., c.l.....ton.30.00 -40.00
Furfural,[6] ref., dms., c.l., works, lb. .15 - —
l.c.l., works.....lb. .17½- .25
tech., dms., contracts, 150,000 lbs..lb. .10 - —
c.l., works.....lb. .12½- —
l.c.l., works.....lb. .15 - .20
tanks, works.....lb. .09 - —
Fusel oil, crude, dms., works.gal. .75 - —
refd., dms., dlvd.....lb. .18½- .19½
Fustic, cryst., No. 1, bbls....lb. .32 - —
No. 2, bbls.....lb. .30 - —
No. 3, bbls.....lb. .28 - —
extract, No. 1, bbls.....lb. .16 - —
No. 2, bbls.....lb. .15 - —
No. 3, bbls.....lb. .12½- —

G

G salt, bbls.....lb. .45 - —
Galangal root, bls.....lb. .30 Nom.
Gambier, cube, Singapore, cs., lb. No stocks
extract, bbls.....lb. No stocks
Gasoline[1] at refinery, ex tax:—
Arkansas, US motor, 72-74 octane, leaded, tanks..gal. .06 - —
Bayonne, 70 oct., tanks...gal. .092 - —
72-74 octane .....gal. .092 - .094
California, 78 oct., tanks..gal. .07½- —
Gulf Coast, US motor, 72-74 octane, tanks..gal. .06 - .06¾
80 octane, tanks.....gal. .06¾- .07

THIOUREA

IMMEDIATE SHIPMENTS ...Either LCL or Carloads

WHETHER you need Thiourea for current production or for experimentation in connection with your long-range planning, you can get it immediately from Monsanto. Some of the many uses for Thiourea are listed at the right... your experimentation may reveal new applications or may lead to the discovery of entirely new products or processes. For samples, data, prices and technical assistance in applying Thiourea to your product or to your postwar planning, contact the nearest Monsanto office, or write: MONSANTO CHEMICAL COMPANY, Organic Chemicals Division, 1700 South Second St., St. Louis 4, Missouri.
District Offices: New York, Chicago, Boston, Detroit, Charlotte, Birmingham, Los Angeles, San Francisco, Montreal, Toronto.

MONSANTO THIOUREA

$$\begin{matrix} NH_2 \\ NH_2 \end{matrix} \rangle C{=}S$$

Also known as thiocarbamide, sulfocarbamide and sulfourea

White free flowing crystals

Moisture:	0.5 maximum
Ash:	0.05 maximum
Iron:	8 P.P.M. maximum
Specific Gravity:	1.406

TEN PRESENT and POTENTIAL USES OF THIOUREA

Starting Point in:

1. Manufacture of resins
2. Manufacture of medicinals
3. Manufacture of synthetic chemicals
4. Manufacture of Thioglycolic Acid
5. Manufacture of adhesives
6. Photographic compositions
7. Compositions for treating rayon
8. Dyestuff synthesis
9. Oxidation inhibitors
10. Manufacture of insecticides

These suggested uses are for illustration and are not to be construed as recommending violation of any patent.

MONSANTO CHEMICALS
SERVING INDUSTRY...WHICH SERVES MANKIND

FREE EXPERIMENTAL SAMPLES

MONSANTO CHEMICAL COMPANY, Organic Chemicals Division
1700 S. Second St., St. Louis 4, Mo.
Without cost or obligation on my part, please send: ☐ Experimental Sample of Thiourea; ☐ Data on application of Thiourea to _____ (NAME OF PRODUCT)

Name _____
Company _____
Street _____
City _____ Zone _____
State _____

Note: A technical service specialist will call at your request.

Gasoline, at refinery, ex-Tax, Group 3, 72-74 octane, leaded, tanks..gal. .06¾- .07
80 octane, tanks.....gal. .07¼- .07½
natural, 26-70, tanks....gal. .04¾- .05
Oklahoma-Texas, US motor, 72-74 octane, tanks..gal. .05½- .06
Pennsylvania, western, U. S. motor 70-72 octane, leaded, tanks..gal. .08¼- .08½
Gelatin, silver, label, ctns., dlvd. lb. .90 - .97
export, cases.....lb. 1.00 - —
Silver gelatin prices 5c. higher for deliveries in:—Ariz., Calif., Colo., Idaho, Mont., Nev., N. Mex., Ore., Tex., Utah, Wash., and Wyo.
Geisemium root, bls.....lb. .23 - .25
Gentian root, bls.....lb. .41 - .42
grd., bbls., bxs.....lb. .46 - .47
powd., bbls., bxs.....lb. .47 - .48
Geraniol, 92-96% cns., dms....lb. 3.50 - 4.50
Ginger,[1] African, No. 1, bls...lb. No stocks
Calicut, bgs.....lb. .24½- .25
Cochin, bleached, bgs.....lb. .28 - .29
unbleached, bgs.....lb. .25½ Nom.
Jamaica, No. 1, bgs.....lb. .30 - .31
No. 2, bgs.....lb. .26½- .27
No. 3, bgs.....lb. .25½- .26
Ginseng root, wild, South, cs..lb. 8.00 - 9.00
Glaubers salt, anhyd. (see Soda sulphate).
Glaubers salt, cryst., bgs., bbls., c.l., works..100 lbs. 1.05 - 1.25
l.c.l., 5 tons up, works.... 100 lbs. 1.15 - 1.35
less than 5 tons, works. 100 lbs. 1.25 - 1.45
Glue, bone,[2] producers', calcium type, 24 millipoise, 35 jelly-grams, bgs., c.l., East of Midwest..lb. .16 - —
80/88, bgs., c.l., same basis..lb. .15½- —

Glue, bone, producers, calcium type, 24 millipoise, 58/82, bgs., c.l., same basis..lb. .17 - —
82/108, bgs., c.l., same basis..lb. .18½- —

Producers' bone glue l.c.l. prices 1c. over c.l.

hide, producers,[1,6] 100-121 (jelly test in grams), bgs., c.l., dlvd..lb. .16 - .21½
122-149, bgs., c.l., dlvd....lb. .17 - .22½
150-177, bgs., c.l., dlvd....lb. .18 - .23½
178-206, bgs., c.l., dlvd....lb. .19 - .24½
207-236, bgs., c.l., dlvd....lb. .20 - .25½
237-266, bgs., c.l., dlvd....lb. .21 - .26½
267-298, bgs., c.l., dlvd....lb. .22 - .27½
299-330, bgs., c.l., dlvd....lb. .23 - .28½
331-362, bgs., c.l., dlvd....lb. .24 - .29½
363-394, bgs., c.l., dlvd....lb. .25 - .30½
395-427, bgs., c.l., dlvd....lb. .26 - .31½
428-460, bgs., c.l., dlvd....lb. .27 - .32½
461-494, bgs., c.l., dlvd....lb. .28 - .33½
495-529, bgs., c.l., dlvd....lb. .29 - .34½

Hide glue l.c.l., prices 1c. over c.l. Glue in bbls., ½c. over bgs. Outside prices rule on glues made wholly of imported materials; inside prices on glues made with approximately two-thirds domestic and one-third imported materials. Jobbers' prices 2c. to 3½c. over producers'. Chrome and coney glue, 267 or higher jellygram, c.l., 2c. over above prices; below 267 jellygram, 1c. higher. Freight charges above 75c. per 100 pounds may be added.

Glycerin,[1,2] CP, BP, 98%, dms., c.l., dlvd. Zones A and C..lb. .18¾- —
l.c.l., same basis.....lb. .19¼- —
tanks, same basis.....lb. .18½- —
USP, 95%, dms., c.l., same basis..lb. .18¼- —
l.c.l., same basis.....lb. .18¾- —
tanks, same basis.....lb. 18

Glycerin, dynamite, high gravity, yellow distilled, dms., c.l., same basis..lb. .18¼- —
l.c.l., same basis.....lb. .18¾- —
tanks, same basis.....lb. .18 - —

Chemically pure and dynamite glycerin are sold to the U. S. government at prices 1c. lower than above.

saponification, 88%, to refiners, dms., c.l., l.c.l., or tanks, same basis..lb. .12¾- —
to individual users, dms., c.l., same basis..lb. .13¾- —
l.c.l., same basis.....lb. .14¾- —
tanks .....lb. .12¾- —
soapiye, 80%, dms., tanks, c.l., l.c.l..lb. .11½- —

Glycerin prices in Zone B, 2c. higher.

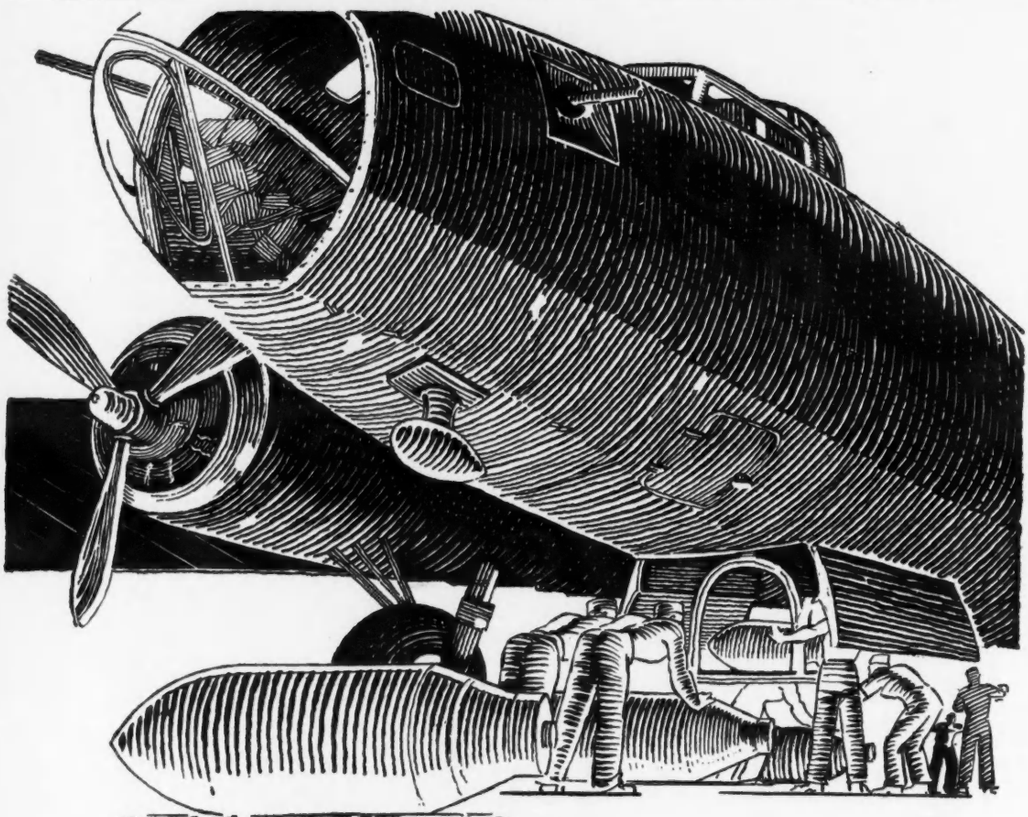
Zone A is:—Col., east of but not including these counties:—Costilla, Custer, Douglass, Fremont, Gilpin, Grand, Huerfano, Jackson, Jefferson, and Teller; all points east of and including Kan., Neb., N. Dak., Omaha, S. Dak., Texas, and Laramie county, Wyo. Zone B is territory between Zone A and C, as follows:—Ariz., Col., west of and including counties specified above Nev., New Mex., Ore., east of and including these counties:—Deschutes, Hood River, Jefferson, Klamath, and Wasco; Wash., east of and including these counties:—Chelan, Kittitas, Kilchat, Okianogan, and Yakima.

Zone C, territory west of Zone B.

Glycine, medicinal, bbls., tins.lb. 1.25 - 1.30
Glycol boriborate, dms.....lb. .22 - —
Stearate, dms.....lb. .26 - —
Gold of pleasure seed, bgs....lb. No stocks
Gold chloride, acid-brown, bots., oz.20.75 -21.00
acid-yellow, bots.....lb.18.75 -19.00
Gold-soda chloride, photo., bots., USP IX, bots.....oz.14.50 -14.75
oz.13.00 - —
Goldenseal root, bls.....lb. 7.00 - 7.50
powd., bxs.....lb. 7.25 - 7.75
Grain of Paradise, bgs.....lb. No stocks
Graphite, conc., dom., crystalline, 80% through 50 mesh, carbon content, 65-70%, bgs., whse., works...lb. .04½- —
70-75% bgs., same basis..lb. .05 - —
75-80%, bgs., same basis..lb. .05½- —
80-85%, bgs., same basis..lb. .06 - —
85-90%, bgs., same basis..lb. .07 - —
90% and up, same basis...lb. .08 - —
Grease,[1,5] house, loose.....lb. .08¼- —
white, choice, loose.....lb. .08¾- —
Wool (see Adeps lanae and Degras).
Green, brilliant,[4] thioflavin toner, tungstic, kgs., works..lb. 3.75 - —
molybdic, same basis.....lb. 3.25 - —
Chrome,[1,6] CP, dark, light, medium blue content up to 5%, bbls., dlvd. N. of Tenn. and N. C., E. of Miss. River, including St. Paul, Minneapolis, Davenport, Rock Island, St. Louis..lb. .23 - —
11-15%, bbls., same basis.lb. .25 - —
20%, bbls., same basis...lb. .25½- —
21-25%, bbls., same basis.lb. .26 - —
26-30%, bbls., same basis.lb. .26½- —
31-35%, bbls., same basis.lb. .27½- —
36-40%, bbls., same basis.lb. .29 - —
41-45%, bbls., same basis.lb. .30½- —
46-50%, bbls., same basis.lb. .33 - —
reduced color, 5%, bbls., same basis..lb. .06¾- —
9-10%, bbls., same basis.lb. .07½- —
11-13%, bbls., same basis.lb. .08 - —
14-16%, bbls., same basis.lb. .08¼- —
17-19%, bbls., same basis.lb. .08½- —
20-21%, bbls., same basis.lb. .08¾- —
22-23%, bbls., same basis.lb. .09 - —
24-25%, bbls., same basis.lb. .09¼- —
26-27%, bbls., same basis.lb. .09½- —
28-29%, bbls., same basis.lb. .10 - —
30-31%, bbls., same basis.lb. .10½- —
32-33%, bbls., same basis.lb. .12 - —
34-35%, bbls., same basis.lb. .13 - —
36-40%, bbls., same basis.lb. .14 - —
41-45%, bbls., same basis.lb. .17 - —
46-50%, bbls., same basis.lb. .17½- —
51-55%, bbls., same basis.lb. .18 - —
56-60%, bbls., same basis.lb. .18½- —
61-65%, bbls., same basis.lb. .19 - —
70%, bbls., same basis....lb. .20 - —
71-75%, bbls., same basis.lb. .21 - —

Green, chrome, prices are ½c. higher dlvd. Ala., Fla., Ga., La. (Shreveport, 1¼c.), Miss., N. C., S. C., Tenn., Texas (Dallas, Ft. Worth, 1¼c.; El Paso, 2c.), Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph, 1.6c. higher dlvd. Pac. Coast; for Denver, Pueblo, Salt Lake City and Wichita, prices are equalized with Chicago.

Oxide,[6] pure, dms., works..lb. .24 - —
Malachite,[1] thioflavin toner, tungstic, bbls., works..lb. 3.50 - —
molybdic, bbls., works..lb. 3.00 - —
Phthalocyanin,[1] green toner, bbls., works..lb. 4.00 - 5.00
tetrahydroxide, bbls.....lb. .85 - —
Paris (see P).
Tungstated, brilliant, kgs....lb. 3.00 - —
emerald, kgs.....lb. 2.60 - —
Verdigris (see V).
Green dyes (see Dyes, green).
Grindelia robusta, bls.....lb. .18 - .28
Guaiac resin, cs.....lb. .48 - .49
Wood, bls.....lb. .05 - .06
Guaiacol, liq., dms.....lb. 1.75 - 2.01
Carbonate, fib. dms.....lb. 2.40 - 2.74
Guanidin carbonate,[1] bbls., c.l., works..lb. .57 - —
smaller lots.....lb. .58 - .73½
Guarana, powd., cs.....lb. No prices
Gum accroides (see Gum, yacca).
Aloe (see A).
Ammoniac, tears, cs.....lb. 1.20 - 1.25
Arabic, amber, sorts, bgs....lb. .11½- .12
white, sorts, 1, bgs.....lb. .28 - .30
Asafetida (see A).
Asphaltum (see A).
Benzoin, Siam, cs.....lb. 3.00 - 3.50
Sumatra, cs.....lb. .52 - 1.00
Camphor (see C).
Copal, Congo, sorted No. 30, bgs., c.l., ex dock, whse.lb. .55¾- —
31, bgs., same basis....lb. .21½- —
32, bgs., same basis....lb. .15¾- —
33, bgs., same basis....lb. .14 - —
34, bgs., same basis....lb. .09¼- —
35, bgs., same basis....lb. .15½- —
36, bgs., same basis....lb. ..2¾- —
37, bgs., same basis....lb. .18½- —
38, bgs., same basis....lb. .12¼- —
39, bgs., same basis....lb. .10¾- —
40, bgs., same basis....lb. 08 - —
41, bgs., same basis....lb. 11¾- —
unsorted, No. 1, bgs., c. same basis..lb. .14¾- —
2, bgs., c.l., same basis..lb. .12¾- —
3, bgs., c.l., same basis..lb. .11¼- —
FAD, bgs., c.l., same basis. lb. .14¾- —
East India,[1] batu, bold, scraped, bgs., c.l., same basis..lb. .10¼- —
unscraped, same basis.lb. .09 - —
chips, same basis...lb. .12 - —
dust, same basis...lb. .06½- —
nubs and chips, same basis lb. .05¾- —
black, bold, scraped, bgs., ex dock or port, whse..lb. .12 - —
unscraped .....lb. .07½- —
nubs and chips, same basis..lb. .07¼- —
pale, Hiroe-Macassar,[1] bold, bgs., c.l., same basis. lb. .17¾- —
chips, same basis...lb. .11¾- —
dust, same basis....lb. .95½- —
nubs, same basis.. lb. .13¾- —
Singapore, Rasak, bold, bgs., same basis..lb. .22¾- —
chips, same basis...lb. .11¾- —
dust, same basis....lb. .05½- —
nubs, same basis....lb. .16¾- —
Macassar,[1] dust, bgs., c.l., same basis..lb. .07¾- —
MA, same basis.....lb. .09¾- —
MB, same basis.....lb. .09½- —
WS, bgs., same basis...lb. .11¾- —
Manila, Boeas,[1] hard, bold, amber, light, bakts., c.l., same basis..lb. .13½- —
dark, light, same basis, lb. .14½- —
white, same basis.....lb. .15½- —
Loba,[1] A, bgs., c.l., same basis..lb. .14 - —
B, same basis.....lb. .13¾- —
C, same basis.....lb. .13¾- —
CBB, same basis.....lb. .12 - —
CNE, same basis.....lb. .10 - —
D, same basis.....lb. .12¾- —
DBB, same basis.....lb. .11 - —
DK, same basis.....lb. .09¼- —
DU, same basis.....lb. .08¾- —
dust, same basis.....lb. .07¾- —
MB, same basis.....lb. .09¼- —
WS, same basis.....lb. .11¾- —



CHEMICALS for *Bombs and Bombers*

Stauffer's Industrial Chemicals are being consumed in large quantities by essential industries for the production of the machines of War; for ammunition, equipment and supplies. These basic heavy chemicals and raw materials are used to produce aviation fuel and innumerable plane parts—motors, tires. Yes, and to add potency to its bomb load. Stauffer also produces chemicals for medical supplies and for use in agriculture, to increase crop yields that will provide adequately for America and our allies.

Stauffer CHEMICALS SINCE 1885

STAUFFER PRODUCTS

*Aluminum Sulphate	Caustic Soda	Nitric Acid	Sulphur Chloride
Borax	Citric Acid	Silicon Tetrachloride	*Superphosphate
Boric Acid	*Copperas	Sodium Hydrosulphide	Tartar Emetic
Carbon Bisulphide	Cream of Tartar	Stripper, Textile	Tartaric Acid
Carbon Tetrachloride	Liquid Chlorine	Sulphur	Titanium Tetrachloride
	Muriatic Acid	Sulphuric Acid	

(*Items marked with star are sold on West Coast only.)

420 Lexington Avenue, New York 17, N.Y.
444 Lake Shore Drive, Chicago 11, Illinois
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550 South Flower St., Los Angeles 13, Cal.
424 Ohio Bldg., Akron 8, O.—Apopka, Fla.
North Portland, Oregon—Houston 2, Texas

STAUFFER CHEMICAL COMPANY

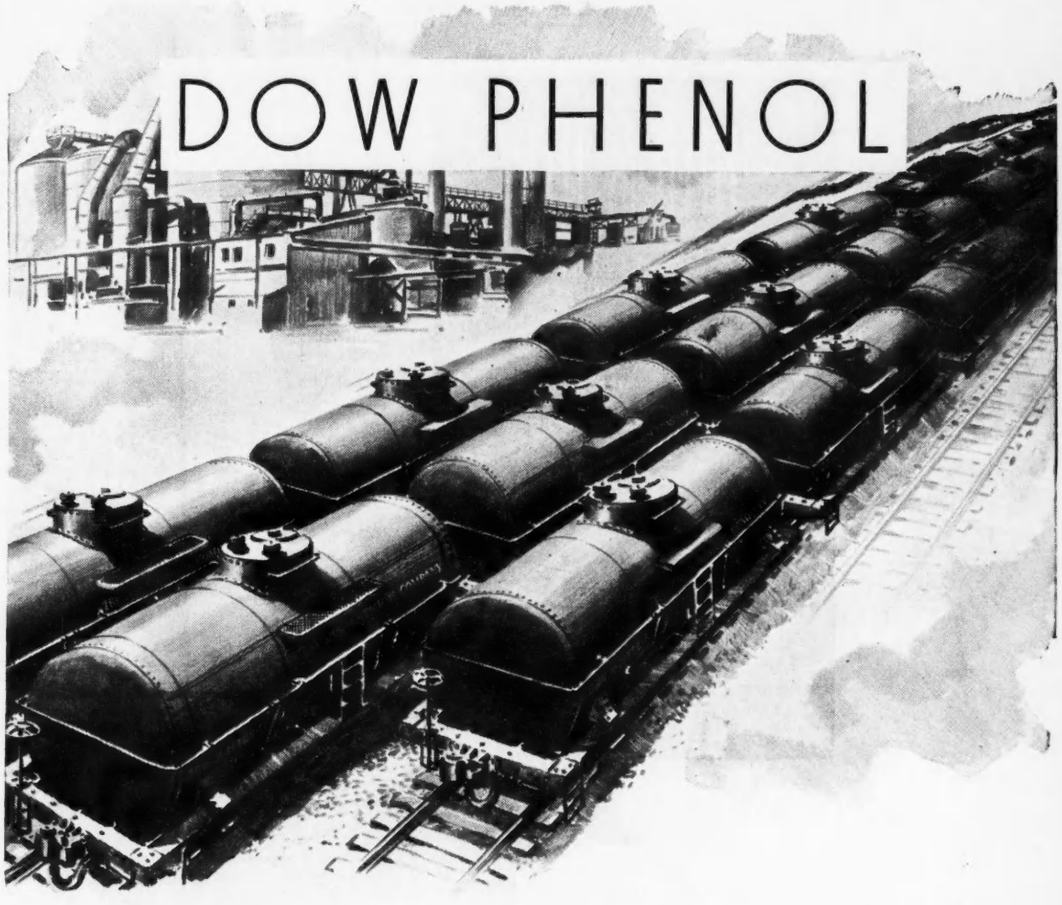
Gum, copal, Manila-Singapore,[1] white split chips, bgs., c.l., same basis..lb. .15½- —
dust, same basis.....lb. Nom.
whse., entry point, c.l., lb. .08¾- —
Philippine,[1] Manila, extra bold, pale scraped, bskts., same basis..lb. .15 - —
bold, pale scraped, same basis..lb. .16 - —
extra pale, bold sorts, same basis..lb. .12¾- —
pale chips, bold, same basis..lb. .13 - —
nubs, WCB, same basis, lb. .12¾- —
seeds, dust, same basis..lb. .08¾- —
SG, same basis.....lb. .10¼- —
small chips, same basis..lb. .11¾- —
Pontianak, bold, scraped, bgs., c.l., same basis..lb. .23¾- —
mixed, same basis.....lb. .17¾- —
chips, small, same basis..lb. .12¾- —
cuttings of split, same basis, lb. .19½- —
nubs, same basis.....lb. .18 - —
Gum copal, l.c.l. prices ¼c. to ½c. higher
Dammar,[1] Batavia, A, cs., c.l., same basis..lb. .35¾- —
A/C, same basis.....lb. .31¼- —
A/D, same basis.....lb. .28¾- —
A/E, same basis.....lb. .25¾- —
B, same basis.....lb. .34¾- —
C, same basis.....lb. .28¾- —
D, same basis.....lb. .25¾- —
E, same basis.....lb. .18¾- —
F, same basis.....lb. .13¾- —
dust, same basis.....lb. .13¾- —
Singapore,[1] No. 1, cs., c.l..lb. .30¾- —
2, bgs., same basis.....lb. .25 - —
No. 1, 3, bgs., same basis.lb. .12¾- —
chips, cs., same basis...lb. .23½- —
dust, bgs., same basis....lb. .13 - —
seeds, cs., same basis....lb. .17¾- —
Gum dammar, l.c.l. prices, ¼c. to ½c higher.
Elemi,[1] cns.....lb. .09½- .09¾
Ester, ord., dms., c.l., dlvd., Ill., Ind., Ky., Mich., Mid.-Atl. states, New England states, Minneapolis, N. C., Ohio, St. Louis, St. Paul, Va., W. Va..lb. .09½- —
other points, dlvd....lb. .10 - .11
l.c.l., dlvd. Ill., Ind., etc., lb. .09¾- .10
other points, dlvd.....lb. .10½- .13
Euphorbium, cs.....lb. 1.50 Nom.
Galbanum, cs.....lb. 1.60 - 1.65
Gamboge, pipe, cs.....lb. No stocks
powd., bbls.....lb. No stocks
Guaiac (see Guaiac resin).
Karaya, bbls., bxs., dms....lb. .18 - .40
Kauri,[1] brown, chips, extra, bgs., c.l., ex dock, whse., lb. .18 - —
80%, same basis.....lb. .16 - —
dust, same basis.....lb. .12½- —
nubs, same basis.....lb. .24 - —
No. 1 extra, same basis....lb. .34 - —
superior, same basis.....lb. .31 - —
No. 2 extra, same basis....lb. .30 - —
superior, same basis.....lb. .27½- —
No. 3, same basis.....lb. .28 - —
x, same basis.....lb. .36 - —
2x, same basis.....lb. .49 - —
bush, assorted, same basis.lb. 95 - —
bold, same basis.....lb. .40 - —
bright, same basis.....lb. .18 - —
chips, same basis.....lb. .32 - —
dark, same basis.....lb. .18 - —
white, chips, pale, same basis, lb. .20¾- —
extra, same basis.....lb. .25½- —
dust, pale, same basis....lb. .20¾- —
extra, No. 1, same basis..lb. .45 - —
No. 2, same basis.....lb. .31 - —
No. 3, same basis.....lb. .30 - —
superior, No. 1, same basis, lb. .41 - —
No. 2, same basis.....lb. .31 - —
No. 3, same basis.....lb. .22 - —
3x, same basis.....lb. .65¼- —
4x, same basis.....lb. .66 - —
5x, same basis.....lb. 1.50 - —
Gum kauri, l.c.l., prices are ¼c. to ½c higher.
Locust bean, powd., bbls....lb. .75 - .80
Mastic, cs.....lb. 5.00 Nom.
Myrrh, cs.....lb. .50 - .60
Olibanum, siftings, cs.....lb. .11½- .13
tears, cs.....lb. .18 - .30
Opium (see O).
Red (see Gum, Yacca).
Rosin (see R).
Sandarac,[1] cs.....lb. 1.40 Nom.
Scammony, cs.....lb. 1.30 - 1.35
Talha, bgs.....lb. .10 - .11
Tragacanth, No. 1, cs.....lb. 4.50 - 5.00
No. 2, cs.....lb. 4.00 - 4.50
No. 3, cs.....lb. 2.75 - 3.00
Yacca,[1] red gum, coarse, bgs., ex dock, whse..lb. .06 - —
powdered .....lb. .07¼- —
Gypsum, Keene's cement, paper bgs., c.l., f.o.b. Acme, Tex., frt. equald..ton.22.65 - —
Harlem River, N. Y., frt. equald..ton.28.25 - —
Medicine Lodge, Kan., frt. equald..ton.17.00 - —
New Brighton, N. Y., frt. equald..ton.28.25 - —
Southard, Oklahoma, frt. equald..ton.17.00 - —
Sweetwater, Texas, frt. equald..ton.21.45 - —
Plaster of paris, paper bgs., c.l., f.o.b. Blue Rapids, Kans., frt. equald..ton.12.50 - —
Acme, Tex., frt. equald.. ton.12.50 - —
Harlem River, N. Y., frt. equald..ton.13.00 - —
Medicine Lodge, Kans., frt. equald..ton.12.50 - —
New Brighton, N. Y., frt. equald..ton.13.00 - —
Southard, Oklahoma, frt. equald..ton.12.50 - —
Sweetwater, Texas, frt. equald..ton.12.50 - —
Stucco, paper bgs., c.l., f.o.b. Acme, Tex.; Akron, N. Y.; Blue Rapids, Kansas; Clarence Center, N. Y.; Fort Dodge, Ia.; Grand Rapids, Mich.; Gypsum, Ohio; Harlem River, N.Y.; National City, Mich.; New Brighton, N. Y.; Plasterco, Ga.; Portsmouth, N. H.; Roton, Texas; Southard, Okla.; Sweetwater, Texas; frt. equald..ton.8.00 - —
Saltville, Va.....ton. 9.00 - —
Terra alba, paper bgs., c.l., Harlem River, N. Y..ton.12.00 - —
New Brighton, N. Y.; Southard, Okla..ton.12.00 - —

H

Hawthorn berries, bgs.....lb. .60 - .65
Heliotropin, cryst., cns.....lb. 3.75 - 4.00
Hellebore, white, powd., bbls..lb. .46 - .47
Helonias root, bls.....lb. No stocks
Hematine, cryst., bbls., No. 1..lb. .34 - —
No. 2.....lb. .30 - —
No. 3.....lb. .28 - —
No. 4.....lb. .26 - —
No. 5.....lb. .24 - —
paste, bbls., No. 1.....lb. .14½- —
No. 2.....lb. .13½- —
No. 3.....lb. .12½- —
Hemlock bark extract,[1,2] 25% tan, bbls., c.l., works..lb. No stocks
tanks, works.....lb. No stocks
Henbane leaves, bls.....lb. 1.20 - 1.25
Henna leaves, bls.....lb. .17 - .18
powd., bbls., bxs.....lb. .22 - .23
Heptane,[1] 56°-100° C., industrial grade, dms., c.l., Group 3, gal. .12½- —
l.c.l., Group 3.....gal. .19 - —
tankcars, Group 3.....gal. .10 - —
77°-115°, industrial, dms., c.l., Group 3..gal. .13 - —
l.c.l., Group 3.....gal. .19 - —
tankcars, Group 3.....gal. .10½- —
laboratory grade, dms., c.l., Group 3..gal. .16 - —
l.c.l., Group 3.....lb. .29 - —
10 gals., Group 3....gal. .35 - —
Hexaldehyde, normal, dms., c.l., works..lb. 1.10 - —
Hexalin (see Cyclohexanol).
Hexamethylenetetramine,[1,6] tech., dms., 1,500 lbs. up, Perth Amboy or N.Y.C..lb. .32 - —
150 to 1,350 lbs., same basis, lb. .33 - —
USP, dms., 500 lbs. or more, same basis..lb. .38 - —
fib. ctns.. same basis.....lb. .40 -
Hexane,[1] 60°-70° C., industrial grades, dms., c.l., Group 3, gal. .13½- —
l.c.l., Group 3.....gal. .19 - —
tankcars, Group 3.....gal. .10½- .11
laboratory grade, dms., c.l., Group 3..gal. .18 - —
l.c.l., Group 3.....gal. .29 - —
10 gals., Group 3.....gal. .35 - —
Hexanol, dms., l.c.l., works..lb. .25 - —
Homatropine hydrobromide, bots., oz.37.50 -42.00
Hoofmeal, 17-18% ammon., bulk, Chicago..unit. 4.50 - 4.75
Hops, NF, bls.....lb. .56 - 1.50
Horehound, bls.....lb. .10½- .12
Hydrangea root, bls.....lb. No prices
Hydrastine, bots.....oz.20.00 - —
Hydrochloride, bots.....oz.20.00 - —
Sulphate, bots.....oz.29.00 - —
Hydrastinine, 15 grs., bots...bot. 1.95 - —
Hydrastis (see Goldenseal).
Hydrofuramide, dms., fib. cns., works..lb. .30 - .40
Hydrogen peroxide,[8] USP, bbls., lb. .03¾- .04
100 vols., cbys., E. of Miss. River, West Coast via Panama Canal..lb. .15½- .18½
Hydroquinone, bbls., dms.....lb. .90 - .94
Hydroxycitronellal, cns.....lb. 8.50 - 9.00
dms., extra, ref'ables, dlvd...lb. 4.50 - —
Hyoscine hydrobromide, bots., gram. 4.50 - —
Hyoscyamine, bots.....oz.20.00 -37.50
Hydrobromide, bots.....oz.20.00 -37.50
Sulphate, bots.....oz.20.00 -37.50
Hypernic, cryst., bbls., No. 1...lb. .42 - —
No. 2.....lb. .34 - —
extract, bbls., No. 1.....lb. .24 - —
No. 2.....lb .16 - —

I

Isothammol, N.F., bots.....lb. 2.45 - 4.85
Indian red (see Red, Indian).
Indigo, nat., chests.....lb. 2.14 - 2.20
synth., paste, bbls.....lb. .16½- .19
powd., bbls.....lb. .74½- .85
Indol, CP, bots.....lb.23.00 -24.00
Insect flowers (see Pyrethrum).
Iodine, crude, 25-lb. jars.....lb. 1.67 - —
150-lb. kgs., net.....lb. 1.23½- —
resubl., 5-lb. bots., jars.....lb. 2.00 - 2.10
Iodoform, 100-lb. dms., kgs...lb. 3.95 - 4.10
jars .....lb. 4.20 - —
Ipecac[6] root, bgs.....lb. No prices
powd., bgs.....lb. No prices
Irish moss, ordinary, bls.....lb. .26 - .28
powd., 80-90 mesh, bbls...lb. .32 - .33
prime bleached, bls.....lb. .35 - .40
powd. .....lb. .40 - .50
Iron acetate, liquor, bbls.. c.l., dlvd..lb. .17 - —
l.c.l., dlvd.....lb. .18 - —
solut., USP IX, 100-lb. cbys., lb. .17 - —
50-lb. djns.....lb. .18 - —
Chloride (ferric), tech., anhydr., 390-lb. dms...100 lbs. 4.65 - 5.25
150-lb. dms.....100 lbs. 5.00 - 6.00
cryst., bbls., works, frt. alld. or equald..lb. .05 - .06
kegs, works, frt. alld. or equald..lb. .07½- .08
USP X, cryst., lump, bbls..lb. .07¼- —
dms.....lb. .06¼- —
solut., NF, cbys., works, frt. alld. or equald..lb. .06½- .07¼
djns.....lb. .10 -



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Phenol is truly a key chemical of industry. It finds indispensable applications in the manufacture of such highly essential products as plastics, resins, lubricating oils, pharmaceuticals, dye intermediates, aromatics.

Ever since the early 1900's Dow has been a leading supplier of Phenol. Today, newly enlarged production facilities place Dow far in the foreground of the world's Phenol manufacturers . . . traditional Dow quality and dependability have boosted Dow Phenol sales to an all-time high. Thus Dow is now recognized as the largest producer of Phenol, as well as a major supplier of other important industrial chemicals. Requests for complete information on Dow chemicals will receive prompt attention.

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DOW
CHEMICALS INDISPENSABLE TO INDUSTRY AND VICTORY

Iron citrate, USP VIII, gran., dms..lb. .70 - .75
powd., cns.....lb. .84 .97
Glycerophosphate, bbls., 1,000-lb. lots..lb. 3.30 - —
100-lb. lots.....lb. 3.40 - —
cns., 25 lbs.....lb. 3.62 - —
Hyposulphite, bbls., dms....lb. 1.50 - 1.52
Iodide, bots.....lb. 3.18 - 3.33
syrup, bots., cbys.....lb. .39 - .58
Naphthenate, 6% Fe, 50-gal. dms..lb. .15 - —
Nitrate, red, tech., dms.....lb. .03½- .04
Oxalate, gran., dms.....lb. .83 - .85
powd., cns.....lb. .52 - —
kgs.....lb. .47 - .49
Oxide, black (see Black iron oxide).
Phosphate, ferric, NF, gran., cns..lb. .54 - .57
Pyrophosphate, gran., cns...lb. .59 - .62
Reduced, 90%, kgs.....lb. .65 - .75
Resinate, 7.4% Fe, 100-lb. dms. lb. .17½- —
Sulphate, tech. (see Copperas and Ferric sulphate).
USP, cryst., bbls., dms...lb. .06½- .11
Tallate, 4% Fe, 50-gal. dms., lb. .10¼- —
Iron-ammonia citrate, brown, green, gran., pearls, dms. lb. .33 - .38
scales, dms.....lb. .49 - .53
Oxalate,[6] bbls.....lb. .23½- —
dms., kgs.....lb. .25½- .26½
Iron-soda oxalate, bbls., dms..lb. .23½- .26½
Isobornyl trioxyanoacetate, cbys., dms., extra, works..gal. 4.95 - —
Isobutyl acetate,[6] dms., works.lb. .0860- —
tanks, works.....lb. .0760- —
Propionate, dms., works.....lb. .102 - —
Isopentane, dms., works.....gal. .45 - .55
Isophorone, dms., works.....lb. .25 - —
Isopropanol (see Alcohol, Isopropyl).
Isopropyl acetate,[6] dms., c.l., E. of Rockies, frt. alld..lb. .11 - —
l.c.l., E. of Rockies, frt. alld..lb. .11½- .12
tanks, E. of Rockies, frt. alld., lb. .10 - —
Alcohol (see Alcohol).
Ether, dms., c.l.....lb. .06 - —
l.c.l.....lb. .06½- —
tanks.....lb. .04½- —
Isopropylamine, dms., works...lb. .35 - —

J

Jaborandi leaves, bls.....lb. .09 - .10
Jalap root, NF, bls.....lb. .39 - .40
powd., bbls., bxs.....lb. .46 - .47
Resin, lump, cns.....lb. 5.85 - —
powd., bxs.....lb. 5.90 - —
Juniper berries, dom., bgs.....lb. .70 - .85

K

Kamala, tins.....lb. .42 - .45
Kaolin (see China clay).
Kava kava root, bls.....lb. .33 - .34
Kerosene at refinery:—
Ark., 41-43 w.w., bulk, tanks, gal. .04¼- .04¼
Bayonne, 41-43 w.w., tank., gal. .071 - —
Gulf ports, 41-43 w.w., bulk, gal. .04¼- .04½
Okla.-Texas, 42-44 w.w., tanks..gal. .04⅝- .04⅝
Penn., 45 w.w., tanks....gal. .07½- .08
48 w.w., tanks.....gal. .07¼- .07⅝
47 w.w., tanks.....gal. .07¾- .08
San Francisco, tanks.....gal. .11½- —
Kola nuts, bgs.....lb. .09 - .10

L

Lady slipper root, bls.....lb. 1.25 - 1.50
Lanolin (see Adeps lanae).
Lard,[1,5] pure, ref., trcs...100 lbs. .1522½- —
Chicago, trcs.....lb. .1455- —
Larkspur seed, bgs.....lb. 3.25 - 3.50
Laurel berries, bls.....lb. .25 - .26
Laurel leaves, Cyprus, bls.....lb. .30 - .31
Greek, bls.....lb. No stocks
Portuguese, bls.....lb. .19¼- .19⅝
Turkish, bls.....lb. .35 - .36
Lavender flowers, medium, bls.lb. .80 - —
ordinary, bls.....lb. .45 - .50
select, bls.....lb. .90 - .98
Lead,[1,2] (metal) (see paint market).
Acetate,[1] white, broken, bbls.lb. .12½- —
cryst., bbls.....lb. .12½- —
gran., powd., bbls.....lb. .13¼- —
Arsenate,[1,6] paste, stand., cns., c.l...lb. .05⅜- .06
l.c.l.....lb. .06 - .06¾
powder, basic, 3-lb. bgs. or larger, c.l..lb. .11½- .12
l.c.l.....lb. .12 - .12¾
1-lb. ctns., c.l.....lb. .18½- .22¼
l.c.l.....lb. .19 - .23
standard, 3-lb. bgs. or larger, c.l.....lb. .11 - .11¼
l.c.l.....lb. .11½- .12
1-lb. bgs., c.l.....lb. .16 - .20
l.c.l.....lb. .16½- .20½
1-lb. ctns., c.l.....lb. .19 - .22
l.c.l.....lb. .18½- .23¼
½-lb. ctns., c.l.....lb. .21 - .25
l.c.l.....lb. .21½- .25½

Inside column is maximum OPA prices for manufacturers or distributors; outside column for all other purchasers. Lead arsenate prices are works or whse. basis, frt alld. to dest. in lots of 96 lbs. or over, no frt. or truck allowance for works or whse pick-ups.

Blue, basic sulphate, bbls., c.l., dlvd. E..lb. .07½-
dlvd. Ariz., Cal., Col., Idaho, Mont., Nev., N. M., Ore., Utah, Wash., Wyo..lb. .07⅝-
l.c.l., dlvd. E.....lb. .07⅝-
Ariz., Cal., Col., Idaho, Mont., Nev., N. M., Ore., Utah, Wash., Wyo..lb. .08 -
Carbonate (see Lead, white).
Chloride, fib. dms.....lb. .49 -
Iodide, NF V, powd., bots..lb. 2.80 -
jars.....lb. 2.69 -
Linoleate, pale, precip., bbls.lb. .22½-
Metallic paste, works.....lb. .19⅝- .2
Naphthenate, 24%-30% Pb, 50-gal. dms..lb. .14¼- .1
Nitrate, bbls.....lb. .12½-
Oleate, bbls.....lb. .17¾-
Peroxide, powd., tech., bbls..lb. .23 -
Red, dry, 95% or less Pb_3O_4, bbls., c.l. (20 tons), dlvd. Ariz., Ark., Colo., Fla., Ga., Idaho, La., Miss., Mont., Nev., N. Mex., Okla., Tex., Utah, Wyo., and E. of Cascade Mts. in Ore. and Wash..lb. .09¾-
other points.....lb. .09 -
l.c.l., 5 tons, dlvd. Ala., Ark., Cal., Fla., Ga., La., Miss., Okla., Tex., and W. Cascade Mts. in Ore. and Wash..lb. .09¾-
Ariz., Idaho, Nev., Utah and E. of Cascade Mts. in Ore. and Wash..lb. .10¼-
Colo., Mont., N. Mex., Wyo..lb. .10 -
other points.....lb. .09½-
smaller lots, Ala., etc..lb. .10¾-
Ariz., etc.....lb. .10¾-
Colo., etc.....lb. .10¾-
other points.....lb. .10 -
97%, Pb_3O_4, bbls., c.l., dlvd. Ala., etc..lb. .09½-
other points.....lb. .09¾-
l.c.l., 5 tons, dlvd. Ala., etc..lb. .10 -
Colo., etc.....lb. .10¼-
Ariz., etc.....lb. .10¾-
other points.....lb. .09¾-
smaller lots, dlvd. Ala. lb. .10¾-
Ariz., etc.....lb. .11 -
Colo., etc.....lb. .10¾-
other points.....lb. .10¼-
98%, Pb_3O_4, bbls., c.l. (20 tons), dlvd. Ala., etc..lb. .09¾-
other points.....lb. .09¼-
l.c.l., 5 tons, dlvd. Ala., etc..lb. .10¼-
Ariz., etc.....lb. .10¾-
Colo., etc.....lb. .10¼-
other points.....lb. .10 -
smaller lots, dlvd. Ala., etc..lb. .10¼-
Ariz., etc.....lb. .11¼-
Colo., etc.....lb. .11 -
other points.....lb. .10½-
in oil, 95% min., kgs.....lb. .14 -
Resinate, precip., 28.3% Pb, 160-lb. dms..lb. .17½-
Silicate, bgs.....lb. .0730- .07
Soyate, 26.15% Pb, 50-gal. dms., lb. .22¼-
Stearate, bbls.....lb. .31 - .3
Sulphate (see Lead, white, basic sulphate).
Tallate, 16% Pb, 60-gal. dms. lb. .08¼-
Titanate, bgs., bbls., c.l., works, frt. alld..lb. .11 -
l.c.l., 5 tons, one delivery, E., frt. alld..lb. .11¼-
Pac. Cst., ex whse..lb. .11½-
l.c.l., smaller lots, E. frt. alld..lb. .11½-
Pac. Cst., ex whse..lb. .11¾-
White, basic carbonate, dry, bbls., c.l., dlvd. Ariz., Calif., Colo., Idaho, Mont., Nev., N. Mex., Ore., Utah, Wash., and Wyo..lb. .08½-
dlvd., other points..lb. .08¼-
l.c.l., dlvd. Ariz., etc.lb. .08¾-
other points.....lb. .08½-
basic sulphate, dry, bbls., c.l., dlvd. Ariz., etc..lb. .07½-
other points.....lb. .07¼-
l.c.l., dlvd. Ariz., etc..lb. .08 -
other points.....lb. .07¼-
in oil, consumers, kgs....lb. .13¼- .1
dealers, 100-lb. kg.....lb. .11¼- .1
painters, 100-lb. kg.....lb. .12¼- .1
Lecithin, edible, dms., c.l.....lb. .28½-
l.c.l.....lb. .29 - .4
in cocoa butter, dms., c.l....lb. .46½-
l.c.l.....lb. .41 - .5
pure vegetable bots., 100-lb. lots..lb. 2.75 -
tech., dms., c.l.....lb. .26 -
l.c.l.....lb. .26½- .2
Lemon peel, bls.....lb. .35 - .4
Licorice extract, mass, cns....lb. .25 - .7
powd., bbls.....lb. .60 - .8
root, natural, Indian, bls....lb. .08 - .0
powder, bbls.....lb. .14 - .1
Russian, bls.....lb. .08½- .0
Spanish, bls.....lb. .12 - .1
Lignin extract, tanning grade, bgs., c.l., works..lb. .04 -
Lime, chemical (quicklime), lump or pebble, bulk, f.o.b.:—
Adams, Mass.....ton. 8.00 -
Annville, Pa.....ton. 7.50 -
Bellefonte, Pa.....ton. 7.50 -
Berkley, W. Va.....ton. 7.50 -
Carey, Ohio.....ton. 7.00 -
Cedar Hollow, Pa...ton. 8.50 -
Crab Orchard, Tenn.ton. 6.25 -
Eagle Mountain, Va..ton. 7.00 -
Farnams, Mass.....ton. 8.00 -
Gibsonburg, Ohio....ton. 7.00 -
Hannibal, Mo.....ton. 6.50 -
Keystone, Ala.....ton. 6.25 -
Knoxville, Tenn.....ton. 6.25 -
Limedale, Ark.....ton. 7.00 -
Longview, Ala.....ton. 6.25 -
Manistique, Mich...ton. 8.00 -
Martinsburg, W. Va.ton. 7.50 -
Menominee, Mich....ton. 8.00 -
Mitchell, Ind.....ton. 6.50 -
Newala, Ala.....ton. 6.25 -
Rincon, Cal.....ton.13.00 -
Ripplemead, Va.....ton. 7.00 -
Riverton, Va.....ton. 7.00 -
Rockland, Me.....ton. 8.00 -
San Francisco, Cal..ton.13.00 -
Scioto, Ohio.....ton. 6.50 -
Springfield, Mo.....ton. 7.00 -
Woodville, Ohio.....ton. 7.00 -
York, Pa.....ton. 9.00 -
hydrated, paper bags, f.o.b. Adams, Mass..ton. 9.00 -
Annville, Pa.....ton. 9.00 -
Bellefonte, Pa.....ton. 9.00 -
Berkley, W. Va.....ton. 9.00 -
Buffalo, N. Y.....ton.10.00 -
Carey, Ohio.....ton. 8.50 -
Cedar Hollow, Pa....ton. 9.00 -
Crab Orchard, Tenn..ton. 9.00 -
Eagle Mountain, Va..ton. 8.50 -
Farnams, Mass.....ton. 9.00 -
Gibsonburg, Ohio....ton. 9.00 -
Hannibal, Mo.....ton. 9.00 -
Keystone, Ala.....ton. 9.00 -
Knoxville, Tenn.....ton. 9.00 -
Le Roy, Minn.....ton.10.00 -
Lime Crest, N. J....ton. 8.50 -
Limedale, Ark.....ton. 9.00 -
Longview, Ala.....ton. 9.00 -
Louisville, Ky.....ton.14.50 -

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SAVES WEIGHT—SAVES SPACE
SAVES PACKAGING COST

Our new booklet "Air Cargoes" covers all these and many more post-war shipping factors; including official Air Express information plus maps and time data for your shipping of the future. Write for this free informative 44-page booklet.

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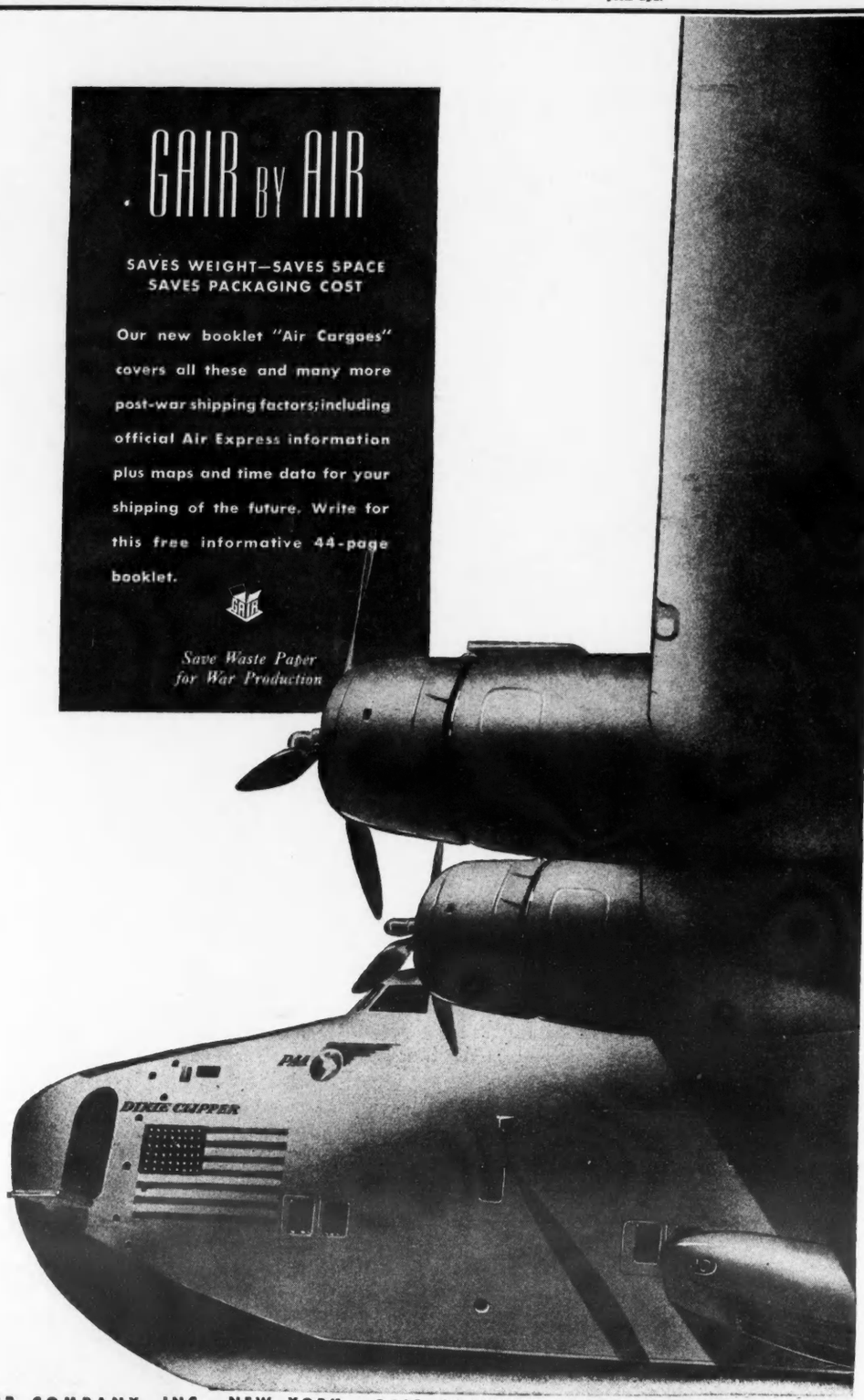
Save Waste Paper for War Production



ROBERT GAIR COMPANY, INC., NEW YORK • GAIR COMPANY CANADA LIMITED, TORONTO
Folding Cartons • Box Boards • Fibre and Corrugated Shipping Containers

Lime, hydrated, Manistique, Mich..ton. 9.50 - —
Marblehead, Ohio....ton. 9.50 - —
Martinsburg, W. Va..ton. 9.00 - —
Mitchell, Ind.....ton. 9.00 - —
Newala, Ala.....ton. 9.00 - —
Potoskey, Mich.....ton. 9.00 - —
Port Island, Mich....ton. 9.00 - —
Rapid City, S. D....ton.12.00 - —
Ripplemead, Va.....ton. 9.00 - —
Rockland, Me.....ton. 9.00 - —
San Francisco, Cal..ton.16.00 - —
Springfield, Mo.....ton. 9.00 - —
Woodville, Ohio.....ton. 9.00 - —
York, Pa.....ton. 9.00 - —
spray, paper bgs., f.o.b. Adams, Mass..ton. 9.50 - —
Annville, Pa.....ton. 9.50 - —
Bellefonte, pa. .....ton. 9.50 - —
Carey, Ohio.....ton.11.00 - —
Farnams, Mass.....ton.10.00 - —
Gibsonburg, Ohio....ton.11.00 - —
Lime Crest, N. J....ton. 9.00 - —
Marblehead, Ohio....ton.11.00 - —
Rockland, Me.....ton.10.00 - —
Scioto, Ohio.....ton.10.00 - —
Woodville, Ohio.....ton.11.00 - —
York, Pa.....ton. 9.50 - —

Lime salts (see Calcium).
Lime-ammonia-nitrogen,[4] 20.5% N, bgs., works..ton.32.50 - —
Linalool, cns.....lb. 6.75 - 7.00
Linalyl acetate, cns.....lb. 3.25 - 3.75
Linden flors with leaves, bls...lb. .95 - 1.00
Linseed meal,[1] 34%, bulk, c.l.ton.45.00 - —
32%, bulk, c.l.....ton.43.00 - —
litharge, com'l powd., bbls., c.l., dlvd. Ala., Ariz., Ark., Colo., Fla., Ga., Idaho, La., Miss., Mont., Nev., N. Mex., Okla., Tex., Utah, Wyo. and E. of Cascade Mts. in Ore., and Wash..lb. .08¼- —
other points.....lb. .08 - —
l.c.l., 5 tons, dlvd. Ala., Ark., Cal., Fla., Ga., La., Miss., Okla., Tex. and W. of Cascade Mts. in Ore. and Wash..lb. .08¾- —
Ariz., Idaho, Nev., Utah and E. of Cascade Mts. in Ore. and Wash..lb. .09¼- —
Colo., Mont., N. Mex., Wyo..lb. .09 - —
Other points.....lb. .08¾- —
smaller lots, dlvd., Ala., etc..lb. .09¼- —
Ariz., etc.....lb. .09¾- —
Colo., etc.....lb. .09½- —
Other points.....lb. .09 - —
Lithium[4] bromide, bbls., 100 lbs. works, frt. equald..lb. 1.90 - —
smaller lots, works.....lb. 1.92 - 1.95
Carbonate, NF, 250-lb. ppls., kgs..lb. 1.25 - 1.30
Chloride, jars.....lb. 1.65 - 1.70
Citrate, bbls., dms., kgs.....lb. 1.40 - 1.45
Fluoride, bbls.....lb. 2.45 - 2.60
Hydroxide, jars.....lb. 1.25 - 1.40
Iodide, 5-lb. bots.....lb. 5.20 - —
25-lb. jars.....lb. 5.05 - —
Lithopone,[1] ordinary, bgs., (20 tons)..lb. .04¼- —
smaller lots.....lb. .04½- —
bbls., c.l. (20 tons).....lb. .04½- —
smaller lots.....lb. .04¾- —
titanate,[6] (high-strength), bgs., c.l..lb. .0560- —
smaller lots.....lb. .0585- —
bbls., c.l.....lb. .0585- —
smaller lots.....lb. .0610- —
Lithopone, c.l., dlvd. Pac. Cst., ¼c. higher
l.c.l., ex whse. Pac. Cst., ½c. higher.
Liverwort leaves, bls.....lb. .70 - .75
Lobelia herb, bls.....lb. .43 - .48
Lobeline sulphate, bots., wks..oz.25.50 - 38.00
Logwood, cryst., No. 1, bbls...lb. .28 - —
No. 2, bbls.....lb. .26 - —
extract, liquid, No. 1, bbls..lb. .14 - —
No. 2, bbls.....lb. .13 - —
No. 3, bbls.....lb. .12½- —
No. 4, bbls.....lb. .10 - —
solid, No. 1, bxs.....lb. .23½- —
No. 2, bxs.....lb. .21½- —
Lovage root, dom., bls.....lb. .50 Nom.
Lupulin, NF, tins.....lb. 7.00 -10.00
Lycopodium, USP, cs.....lb. 3.00 - 3.25

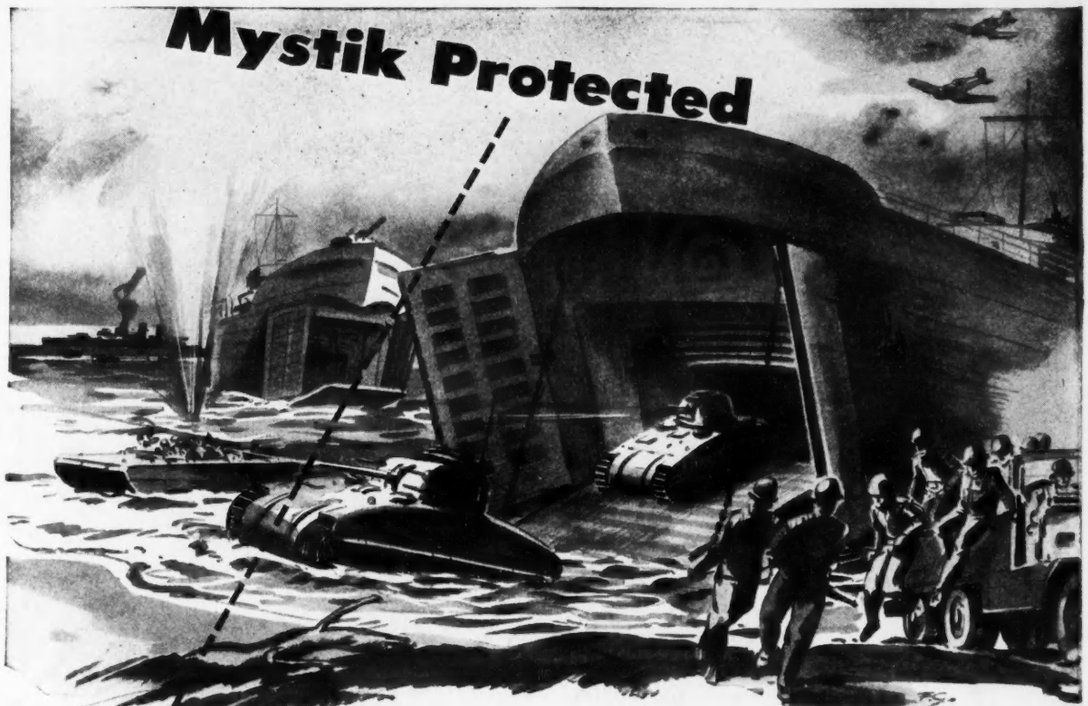
M

Mace,[1] Amboyna, cs.....lb. .77 - .78
Banda, cs.....lb. .98 Nom.
West Indian, bgs.....lb. .62 - .63
broken, bgs.....lb. .55 - .56
Madder, Dutch, bbls.....lb. .24 - .30
Magnesia arsenate,[1,6] dms....lb. .153 - .18
Calcined, tech., USP, bbls., works..lb. .26 - —
Carbonate, tech., Zone 1, c.l., bgs..lb. .06¼- —
kgs. ....lb. .08¾- —
l.c.l., bgs.....lb. .07¼- —
bbls. .....lb. .08½- —
kgs. .....lb. .09¾- —
2, c.l., bgs.....lb. .06¼- —
bbls. .....lb. .07½- —
kgs. .....lb. .08¾- —
l.c.l., bgs.....lb. .07 - —
bbls. .....lb. .08¼- —
kgs. .....lb. .09½- —
USP, Zone 1, c.l., bgs.....lb. .08 - —
bbls. .....lb. .08½- —
kgs. .....lb. .09¾- —
l.c.l., bgs.....lb. .09 - —
bbls. .....lb. .09½- —
kgs. .....lb. .10¾- —
Zone 2, c.l., bgs.....lb. .06¼- —
bbls. .....lb. .06½- —
kgs .....lb. .09¾- —
2, l.c.l., bgs.....lb. .08¼- —
bbls. .....lb. .09¼- —
kgs. .....lb. .10¼- —
Magnesia carbonate:—Zone 1—Conn., Del., D. of C., Md., Mass., N. J., N. Y., Pa. and R. I. Zone 2—Balance of U. S. Frt. allowed Phillipsburg, Plymouth Meeting and Valley Forge. Freight allowed on l.c.l. incl., dlvd. storedoor
Chloride, anhyd., bbls., dlvd..lb. .13 - —
flake, bbls., c.l., works...ton.32.00 - —
l.c.l., works.....ton.39.00 -42.00
Fluoride, bbls.....lb. .40 - .50
Hydroxide, med., bbls., dms., kgs..lb. .29 - .30
Hypophosphite, cns.....lb. 1.45 - —
Laurate, bbls.....lb. .33 - .35
Oxide (see Magnesia, calcined).
Peroxide, 15%, dms., works..lb. 1.00 - 1.35
Phosphate, tribasic, USP, bbls., lb. .60 - —
Magnesia silicate (see Talc).
Silicofluoride, bbls.....lb. .18 - .20
Stearate, bbls.....lb. .31 - .32
Sulphate (see Epsom salt).
Trisilicate, dms., 1,000-lb. contracts..lb. .37 - —
smaller lots, dms.....lb. .42 - —
Magnesite, cal., powd., bags, f.o.b. mines, Calif..ton.58.75 - —
dead-burned,[1] bulk, c.l., f.o.b. Chewelah, Wash..ton.22.00 -32.00
Malva flowers, black, bls.....lb. No stocks
blue, bls.....lb. No stocks
Leaves, bls.....lb. .40 - .50
Manaca root, bls.....lb. .24 - .25
Mandrake root, bls.....lb. .28 - .30

Manganese acetate, dms.....lb. .25½- —
Arsenate,[6] bgs.....lb. .12 - .13
Borate, tech., bbls.....lb. .16 - .18
Carbonate, bbls.....lb. .19 - —
Chloride, anhyd., bbls.....lb. .15 - .18
Manganese dioxide, African, battery, 84-87%, bbls., 28-40 tons, works..ton.74.00 - —
5-15 tons, works..ton.77.00 - —
smaller lots, works...ton.82.00 - —
Caucasian, 85-90%, bbls., c.l., works..ton.74.00 - —
l.c.l., 5 tons, works..ton.77.00 - —
smaller lots, works..ton.82.00 - —
burlap bgs., c.l., works, ton.71.75 - —
l.c.l., 5 tons, works..ton.74.75 - —
smaller lots, works..ton.79.75 - —
85-90%, paper bgs., c.l., works..ton.70.00 - —
l.c.l., 5 tons, works..ton.73.00 - —
Glycerophosphate, 2 bgs., bbls., 1,000-lb. lots..lb. 3.05 - —
100-lb. lots.....lb. 3.15 - —
cns., 25 lbs.....lb. 3.27 - —
Hydrate, bbls., dlvd.....lb. .26 - —
Iodide, bots., 5 lbs.....lb. 5.70 - —
jars, 25 lbs.....lb. 5.55 - —
Manganese linoleate, liquid, 4%, dms..lb. .20 - —
solid, precip., 8.2%, bbls...lb. .22 - —
Naphthenate, 6% Mn, 50-gal. dms..lb. .16 - —
Resinate, fused, 3½%, bbls..lb. .09 - .10½
precip., dms.....lb. .14½- .15½
Soyate, 8.2% Mn, 50-gal. dms..lb. .22 - —
Sulphate, anhyd., dms., works..lb. No stocks
feed grade, 77-80%, bgs....lb. .04 - .08
fertilizer, 85%, $MnSO_4$, bgs., c.l., dlvd. East..ton.59.50 - —
l.c.l., bgs., same basis or f.o.b. Balto. and Cincinnati..ton.68.50 - —

Manganese sulphate, industrial grade, 80%, $MnSO_4$, bgs..lb. .05 - .05¼
Pallate, 4% Mn, 50-gal. dms..lb. .09 - —
Mangrove bark, E. Afr., if and when available, bgs., based on freight $18, insurance $1 per ton. Any difference for buyers' account.....ton.70.00 - —
Manna flake, cs.....lb. No stocks
Mannitol,[5] com'l grade, bbls., works..lb. .35 - .40
reagent grade, 50-lb. cs. or multiples, works..lb. .85 - —
Manure, sheep, bgs., c.l., Midwest shipping points..ton.14.50 -20.00
kiln-dried, bgs., c.l., f.o.b. Chicago..ton.17.50 -25.00
Marjoram, Argentine, bls.....lb. .32 - .33
California, bls.....lb. .69 - .71
Chilean, bls.....lb. .35½- .36
Portuguese, wild, bls.....lb. .30 - .31
Matico leaves, bls.....lb. .22 - .29
Menthol,[1] natural, Brazilian, cs., 500 lbs..lb.16.50 - —
smaller lots.....lb.16.75 -16.90
synthetic, USP, cs.....lb.13.00 - —
technical .....lb. 6.00 - 6.50
Menthyl salicylate, tins.....lb. 3.00 - 9.10
Mercurial ointment, USP, mild, 10%, tubs..lb. .70 - .73
30%, pails.....lb. 1.19 - 1.21
50%, pails.....lb. 1.54 - 1.56
Mercury (see Quicksilver).
Ammoniated (see White precipitate).
Bichloride[2] (see Corrosive sublimate).
Bisulphate,[2] dms.....lb. 2.15 - 2.17
Chloride,[2] (see Calomel).
Cyanide,[2] cryst., powd.....lb. 3.34 - —
Iodide,[2] red, NF, dms., kgs.lb. 3.90 - —
yellow, fib. dms., kgs.....lb. 4.00 -

Mercury nitrate ointment (see Citrine ointment).
Oxide,[2] NF (see Red precipitate).
tech. (see Red, mercury oxide).
yellow, NF VI, fib. dms....lb. 2.34 - 2.36
red,[2] NF (see Red, precipitate).
tech. (see Yellow, mercury oxide).
Mercury and chalk,[2] 5-lb. ctns.lb. 1.49 - 1.54
dms. .....lb. 1.42 - 1.44
Mesityl oxide, dms., c.l., dlvd..lb. .11½- —
l.c.l., dlvd.....lb. .12 - —
tanks .....lb. .10½- —
Metal leaf, composition, 5½x5½ in..pkg. 3.00 - —
Gold X+, deep, 23, 3⅜x3⅜ in., pkg.15.00 - —
Silver, 3⅜x3⅜ in.....pkg. 3.00 - —
Metanitroparatoluidin, bbls....lb. 1.05 - 1.10
Metaphenylenediamine, kgs....lb. .65 - —
Metatoluylenediamine, kgs.....lb. .70 - —
Methanol,[1,6] natural, all grades, dms., c.l., E. of Miss. R., gal. .63 - .66
l.c.l., same basis.....gal. .73 - .76
tanks, same basis.....gal. .60 - —
Inside prices on natural methanol are drums extra; outside drums included. Prices W. of Miss. R., 3c. higher.
synthetic,[2,6] dms., c.l., Zone 1, frt. alld..gal. .34½- —
2, frt. alld. or dlvd...gal. .36½- —
3, frt. alld.....gal. .38½- —
4, frt. alld.....gal. .40½- —
l.c.l., Zone 1, frt. alld. or dlvd..gal. .37 - —
2, frt. alld.....gal. .42¼- —
3, dlvd. S. F. and L. A., gal. .41 - —
4, frt. alld. or dlvd...gal. .52¼- .56½
tanks, Zone 1, frt. alld....gal. .28 - —
2, frt. alld.....gal. .30 - —
3, frt. alld.....gal. .32 - —



They come out shooting!

Of course, they were built to come out shooting but, during countless miles over water in cargo holds, corrosion might have attacked and destroyed their power!

Sealing out the elements that cause corrosion is the No. 1 job of MYSTIK *Waterproof* Self-Stik Cloth Tape. How well it does its job is proved by the hundreds of major producers of war materiel—ordnance, food and medicine—using MYSTIK as an approved means to protect the condition and quality of their products from factory to the point of actual use.

Investigate the application of Mystik Self-Stik Cloth Tape to your problems of product protection.

A request on your letterhead will bring you a sample roll. Address: Department P, MYSTIK TAPE DIVISION, Chicago Show Printing Co., 2635 No. Kildare Ave., Chicago 39.

• • •

MYSTIK Self-Stik Cloth Tape is the result of nine years of development of pressure-sensitive adhesive products, originating with the famous MYSTIK "Oil-change" sticker, widely used by major oil companies and automotive manufacturers.

MYSTIK
Self-Stik CLOTH TAPE

Methanol, synth., tanks, Zone 4, frt. alld.....gal. .32½- —
synthetic methanol sales zones are:—Zone 1 Conn., Del., D. C., Ill., Ind., Iowa, Ky., Me., Md., Mass., Mich., Minn., Mo., N. H., N. J., N. Y., N. C., Ohio, Penn., R. I., S. C., Tenn., Col., Fla., Ga., Kans., La., Miss., Neb., Vt., Va., W. Va., Wis.; Zone 2, Ala., Ark., N. D., Okla., S. D., Tex., Wyo.; Zone 3, Los Angeles, Cal., San Francisco, Cal., also (c.l. only), Portland, Ore., and Seattle, Wash., Zone 4, Ariz., Cal., Idaho, Mont., N. Mex., Nev., Ore., Utah, Wash.
Methyl abietate, dms., c.l., dlvd. lb. .0722- —
l.c.l., 10-dm. lots, dlvd...lb. .0847- —
single dms., dlvd.....lb. .0947- —
smaller cont., dlvd.....lb. .1447- —
hydrogenated, dms., c.l., dlvd., lb. .1122- —
l.c.l., 10-dm. lots, dlvd...lb. .1247- —
single dms., dlvd.....lb. .1347- —
smaller cont., dlvd.....lb. .1847- —
Acetate, CP, 97-99%, dms., c.l., E. of Miss..lb. .10½- .12
W. of Miss.....lb. .11½- .18
l.c.l., E. of Miss.....lb. .11 - .14
W. of Miss.....lb. .12 - .18½
tanks, E. of Miss.....lb. .09½- —
W. of Miss.....lb. .10½- —
tech., dms., c.l., E. of Miss.. lb. .07 - .09
W. of Miss.....lb. .08 - —
l.c.l., E. of Miss.....lb. .07½- .11
W. of Miss.....lb. .08½- .10½
tanks, E. of Miss.....lb. .06 - —
W. of Miss.....lb. .07 - —
Acetoacetate, dms., c.l., works, frt. alld..gal. .29½- —
Acetone, natural, Group A, dms., c.l., E. of Miss., frt alld..gal. .66 - —
l.c.l., same basis.....gal. .76 - —

Methyl acetone, natural, tanks, same basis..gal. .60 - —
Natural methyl acetone quoted dms., included by Group A. Prices W. of Miss. R., 3c. per gal. higher.
Group B, dms., c.l., Zone 1, frt. alld..gal. .63 - —
Zone 2, same basis.gal. .65 - —
Zone 3, same basis.gal. .67 - —
Zone 4, same basis.gal. .69 - —
l.c.l., Zone 1, same basis. gal. .66 - —
Zone 2, same basis.gal. .83 - —
Zone 3, same basis.gal. .70 - —
Zone 4, same basis.gal. .83 - —
tanks, Zone 1, same basis. gal. .60 - —
Zone 2, same basis.gal. .62 - —
Zone 3, same basis.gal. .64 - —
Zone 4, same basis.gal. .64½- —
Natural methyl acetone quoted drums, extra by Group B, sales zones are:—Zone 1, Conn., Del., D. of C., Ill., Ind., Iowa, Ky., Me., Md., Mass., Mich., Minn., Mo., N. H., N.J., N. Y., N. C., Ohio, Pa., R. I., Tenn., Vt., Va., W. Va., Wis.; Zone 2, Ala., Ark., Col., Fla., Ga., Kan., La., Miss., Neb., N. D., Okla., S. C., S. D., Tex., Wyo.; Zone 3, Los A., San Fran., Seattle, Wash., Portland, Ore.; Zone 4, Ariz., Cal., Idaho, Mont., N. Mex., Nev., Ore., Utah, Wash.
synthetic, dms., c.l., Zone 1.. gal. .51 - —
Zone 2.....gal. .52 - —
Zone 3.....gal. .53½- —
Zone 4.....gal. .54½- —
l.c.l., Zone 1.....gal. .54½- —
Zone 2.....gal. .57 - —
Zone 3.....gal. .58 - —
Zone 4.....gal. .59½- —
tanks, Zone 1.....gal. .43 - —
Zone 2.....gal. .44½- —
Zone 3.....gal. .45½- —

Methyl acetone, synth., tanks, Zone 4.....gal. .45½- —
Synthetic methyl acetone sales zones are:—Zone 1, Conn., Del., D. C., Ill., Ind., Iowa, Ky., Me., Md., Mass., Mich., Minn., Mo., N. H., N. J., N. Y., N. C., Ohio, Penn., R. I., S. C., Tenn., Vt., Va., W. Va., Wis.; Zone 2, Ala., Ark., Col., Fla., Ga., Kan., La., Miss., Neb., N. D., Okla., S. D., Tex., Wyo.; Zone 3, Los Angeles, Cal.; San Francisco, Cal.; also (c.l. only) Portland, Ore., and Seattle, Wash.; Zone 4, Ariz., Cal., N. Mex., Mont., Nev., Idaho, Ore., Utah Wash.
Alcohol (see Methanol).
Anthranilate, 100-lb. lots....lb. 2.20 - 2.50
25-lb. lots, bots.....lb. 2.25 - 2.65
Benzoate,[6] ctns.....lb. .70 - 1.10
Bromide, cns.....lb. .75 - .80
cyls.....lb. .65 - .75
Chloride, refrigeration, 500 lbs. and up machine mfrs. and jobbers, cylinders..lb. .32 - —
service men and consumers, cyl..lb. .36 - —
50 to 400 lbs., cyl., mach. mfrs. and jobbers..lb. .36 - —
service men and consumers, lb. .40 - —
tanks, multi-unit, machine mfrs. and jobbers..lb. .31 - —
service men and consumers..lb. .35 - —
Methyl chloride quotations are spot or contract, ship. point. Prices above are in 90, 90 and 180-lb. cylinders. Prices on the 20-lb. cylinders, uniformly 10c. per pound higher.
Cinnamate, cns.....lb. 1.50 - 4.00
Formate, dms.....lb. .89 - —
Lactate, dms., l.c.l., dlvd...lb. .76 - —
Iodide, bots.....lb. 4.00 - 4.15
Salicylate,[1] 500-lb. dms.....lb. .35 - —
25-50 lbs.....lb. .37 - .38

Methylamyl ketone, dms., cns., works..lb. .25 - .26
Methylcellulose, specl., vis. (4,000 cps.), fib. ctns., 2,000 lbs. or more, frt. alld..lb. .60 - —
100 to 1,999 lbs., frt. alld.lb. .65 - —
1 to 99 lbs., works.....lb. .70 - —
standard vis. (15-1,500 cps.), fib. ctns., 2,000 lbs. or more, frt. alld..lb. .53 - —
100 to 1,999 lbs., frt. alld., lb. .58 - —
1 to 99 lbs., works.....lb. .63 - —
Methylcyclohexane, 98-100%, dms., works..lb. .16 - —
Methylcyclohexanol, 98-100%, dms., works..lb. .28 - —
Methylcyclohexanone, 98-100%, dms., works..lb. No stocks
Methylene blue, medicinal, kgs., 100 lbs. 2.00 - 2.15
cns., 5 lbs.....lb. 2.35 - —
Chloride, refrig., dms., wks..lb. .18 - .28
solvent, dms., works.....lb. .12 - .15
Methylethyl ketone,[6] dms., E. of Rocky Mts..lb. .09 - —
l.c.l., same basis.....lb. .09½- —
tanks, same basis.....lb. .08 - —
Methylhexyl ketone, dms., tech., works..lb. .60 - —
Methylisobutyl ketone,[6] dms., c.l., dlvd..lb. .12½- —
l.c.l., dlvd.....lb. .13 - —
tanks, dlvd.....lb. .11½- —
Methylnaphthyl ketone, cryst., cns..lb. 3.00 - 3.10
Methylpentanediol, com'l, dms., l.c.l., works..lb. .20 - —
Metronite pigment (see Synthetic Resins and Other Branded Paint Materials list.)
Mica, dry grd.,[1] roofing, white, 20 mesh, bgs., c.l., f.o.b. works..ton.27.50 - —
l.c.l.....ton.32.50 - —
30-31 mesh, bgs., c.l..ton.27.50 - —
l.c.l.....ton.32.50 - —
40-45 mesh, bgs., c.l..ton.27.50 - —
l.c.l.....ton.32.50 - —
80 mesh, bgs., c.l.....ton.35.00 - —
l.c.l.....ton.38.00 - —
paint, plastic, 100 mesh, c.l., bgs..ton.40.00 - —
l.c.l.....ton.43.50 - —
wet-grd.,[1] biotite, c.l., bgs..lb. .03¾- —
l.c.l.....lb. .04¼- —
1,000 mesh, bgs., c.l.....lb. .03¾- —
l.c.l.....lb. .04¼- —
white, 1,000 mesh, bgs., c.l., lb. .03¾- —
l.c.l.....lb. .04¼- —
paint or lacq., c.l., bgs.....lb. .04¾- —
l.c.l.....lb. .05¼- —
paper bgs., c.l.....lb. .04¾- —
l.c.l.....lb. .05¼- —
rubber, c.l., bgs.....lb. .04½- —
l.c.l.....lb. .05 - —
wallpaper, bgs, c.l.....lb. .04¾- —
l.c.l.....lb. .05¼- —
Mica, dry grd., quoted works; wet grd. and 1,000-mesh mica in car-load lots is frt. alld. E.; less car-load lots ex whse. or frt. alld. E. Prices of the wet grd. are ½c. per lb. higher W. of Miss. R. and 1c. per lb higher W. of Rockies.
Milk powder,[6] skimmed,[1] roller, bulk, Zone A, bbls..lb. .12½- —
Zone B.....lb. .12¾- —
spray, bbls., bulk, Zone A, lb. .14½- —
Zone B.....lb. .14¾- —
Milk powder Zones are:—Zone A, all States not included in Zone B. Zone B, Conn., Del., D. C., Mass., Md., Me., N. J., N. H. N. Y., Pa., R. I., and Vt.
whole, roller, bbls.....lb. .35 - —
spray, bbls.....lb. .36 - —
Sugar,[1] bbls., c.l., works....lb. .26 - —
l.c.l., works.....lb. .26¾- .27¼
Mineral spirits (see Petroleum, mineral spirits)
Molasses,[1,6] blackstrap, tanks, works, Area 1..gal. .18 - —
Area 2, same basis....gal. .18½- —
Area 3, same basis....ton.26.00 - —
Area 4, same basis....ton.29.00 - —
Area 5, same basis....ton.34.60 - —
Note—Area No. 1, Fla., Ga., La., Tex.; Area No. 2, Mass., Md., N. J., N. Y.; Area No. 3, Calif.; Area No. 4, Colo., Idaho, Kan., Mont., Neb. (excepting Grand Island), S. D., Utah, Ore., Wash., Wyo.; Area No. 5, Ia., Md., Mich., Minn., Grand Island, Neb., Ohio, Wis.
Molybdate orange (see Orange, molybdate).
Molybdenum metal,[1,6] kgs., 99%, powd..lb. 2.60 - 3.00
Trioxide,[6] pure, kgs., basis Mo. content, works..lb. .95 - —
technical, kgs., works.....lb. .80 - —
Monoamylamine, dms., basis 100%, c.l., works..lb. .61 - —
l.c.l., works.....lb. .64 - —
Monoamylnaphthalene, l.c.l., dms., works..lb. .17 - —
Monobutylamine, dms., basis 100%, c.l., works..lb. .48 - —
l.c.l., works.....lb. .51 - —
Monochlorobenzene, dms., c.l..lb. .06½- —
l.c.l.....lb. .07 - .09
tanks.....lb. .05 - —
Monoethanolamine,[6] dms., c.l., frt. alld. in E..lb. .24½- —
l.c.l. dms., same basis.....lb. .25½- —
tanks same basis.....lb. .23½- —
Monoethylamine basis 100%, dms., c.l., works..lb. .43 - —
l.c.l., works.....lb. .46 - —
Monoethylaniline, dms.....lb. .47 - —
Monomethyl para-aminophenol-sulphate, dms..lb. 3.75 - 4.00
Monomethylamine, dms.....lb. .65 - —
Monosodium phosphate (see Soda phosphate, monobasic).
Morphine, bots., 5 ozs.....oz.11.10 - —
cns., 25 ozs.....oz.10.90 - —
Acetate, bots., 5 ozs.....oz. 9.60 - —
cns., 25 ozs.....oz. 8.80 - —
Hydrobromide, 5 ozs.....oz. 8.95 - —
cns., 25 ozs.....oz. 8.75 - —
Hydrochloride, 5 oz. bots....oz. 9.00 - —
cns., 25 ozs.....oz. 8.80 - —
Sulphate, bots., 5 ozs.....oz. 9.00 - —
cns., 25 ozs.....oz. 8.80 - —
Morpholine, dms., 55 gals., l.c.l., works..lb. .67 - —
smaller containers, works...lb. .75 - —
Mullein leaves, cns.....lb. .12 - .13
Musk, nat., Tonquin, grains, bots., oz.40.00 -45.00
synth., ambretta, cns., 100 lbs. or more..lb. 4.00 - 9.00
25 lbs. to 75 lbs.....lb. 4.10 - 9.10
5 lbs.....lb. 4.25 - 9.45
ketone, cns., 100 lbs. or more, lb. 4.15 - 9.25
25 lbs. to 75 lbs.....lb. 4.25 - 9.35
5 lbs.....lb. 4.40 - 9.70
xylol, cns., 100 lbs. or more, lb. 1.40 - 2.50
25 lbs. to 75 lbs.....lb. 1.50 - 2.60
5 lbs.....lb. 1.65 - 2.90
Musk root, bls.....lb. 2.25 - 2.30
Mustard seed, Calif., brown, bgs., lb. .17½- .18
Montana, brown, bgs.....lb. .10¾- .11¼
yellow, bgs.....lb. .11½- .12
Washington, yellow, bgs....lb. .11½- .12
Myrobalans,[6] J1, whole, bgs., frt. guar., insurance, $1. Any difference for buyers' account. ton.65.00 - —
crushed, same basis.....ton.75.00 - —
J2, whole, bgs., same basis... ton.55.00 - —

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N

Naphtha, painters (see Petroleum naphtha, V. M. & P.).
Solvent (see S).
Naphthalene,[2,6] crude, dom., 74°, bgs., c.l., frt. equald..lb. .03 - —
bbls., c.l., same basis...lb. .031 - —
tanks, same basis.....lb. .0275- —
78°, bgs., c.l., same basis, lb. .0325- —
bbls., c.l., same basis...lb. .0335- —
tanks, same basis.....lb. .03 - —
refined, balls, flakes, bbls., wholesalers and jobbers, works..lb. .08 - —
50-lb. cs., same basis....lb. .08¼- —
1-lb. pkgs., same basis...lb. .08¾- —
Neocinchophen, USP, dms.....lb. 7.00 - 7.10
Nepheline syenite, glass grade, 24 mesh, bulk, Rochester, N. Y..ton.12.00 - —
pottery grade, 200 mesh, bulk, Rochester, N.Y..ton.15.50 - —
Nepheline syenite in bgs. is priced $2 per ton above the bulk quotations.
Nerolin, cryst., cns.....lb. 1.70 - 2.00
Niacin (see Acid, nicotinic).
Nickel,[6,5] carbonate, bbls.....lb. .36 - .36½
Chloride,[6] bbls.....lb. .18 - .20
Cyanide,[6] bots., dms.....lb. No stocks
Oxide,[6,5] black, bbls.....lb. .35 - .38
Salt,[6,5] bbls.....lb. .13 - .13½
Nicotine[2] sulbate, 40%, dms., 50 lbs..lb. .7980- —
tins, 10 lbs.....lb. .90 - —
Nicotinamide,[6] dms.....kilo.13.25 -13.55
Nikethamide, bots., cbys.....lb.18.00 -19.00
Nitercake, bulk, works.....ton.16.00 - —
Nitrobenzene, dbl. dist., dms., c.l., lb. .08 - —
l.c.l. .....lb .09 - —
tanks .....lb .07 - —
Nitrocellulose, alcohol-soluble, ¼, ½ sec., 30-35 cps., bbls., dry weight, l.c.l., works, lb. .26 - —
5-7, 40-60 cps., same basis, lb. .27 - —
ester-soluble, ¼, ½ sec., 30-35 cps., bbls., dry weight, l.c.l., works..lb. .26 - —
5-7, 15-20 cps. and higher, bbls., dry weight, l.c.l., works..lb. .28 - —
Nitrocellulose:—Denatured alcohol A used in manufacture is charged extra. Barrels extra, but returnable.
Nitroethane, dms., l.c.l., wks..lb. .25 - —
Nitrogen,[6] solut., tanks, ton N.168.21 - —
Prices adjusted to ammonia sulphate basis from ports, and anhydrous ammonia basis, Hopewell, Va.
Nitrogenous process tankage,[1] bulk, works.....unit-ton. 3.15 - 3.50
sewage sludge,[1] bulk, works, unit-ton.2.60 + .40- 3.00 + .40
Nitromethane, dms., l.c.l., works, lb. .25 - —
Nitronaphthalene, bols.....lb. .24 - .25
Nitropropane 1, dms., works..lb. .25 - —
II, dms., same basis.....lb. .25 - —
Nutgalls,[5] Aleppo, bgs.....lb. .44 - .45
Chinese ... .lb. .39 - .40
Nutmegs,[1] E. I., 95's bgs.....lb. .55 - .56
110's, bgs.....lb. .51 - .52
grinding, bgs. .....lb. .45 - .46
West Indian, No. 1, bgs.....lb. .34¼- .34½
Nux vomica, bls.....lb. .09 - .11
powder, bbls., bxs.....lb. .12 - .13

O

Oakbark extract,[1,6] 25% tan., bbls., c.l., works..lb. No stocks
Ocher (see Yellow).
Octane,[1] 100-140° C., industrial grade, dms., c.l., G.3..gal. .15½- —
l.c.l., G.3.....gal. .29 - —
10 gals., G.3.....gal. .55 - —
tanks, G.3.....gal. .13 - —
Octanol, normal,[6] tech., 360-lb. dms., dlvd..lb. .85 - —
Oil, almond, bitter, artl. (see Benzaldehyde).
bitter, F.P.A.....lb. 5.25 - 5.50
natural, USP, bots.....lb. Nominal
sweet, exp., dms., cns.....lb. 1.50 - 1.60
Angelica root, bots.....lb.140.00-150.00
Seed, bots.....lb. No stocks
Anilin (see A).
Anise, USP, cns., dms.....lb. 4.00 Nom.
Apricot kernel, cns.....lb. .45 - .55
Avocado, cns., dms.....lb. 1.05 - 1.25
Babassu,[1,5] tanks.....lb. .1110- —
Bay, W. I., 50-55%, cns.....lb. 1.45 - 1.65
Puerto Rican, 55-60%, cns..lb. 1.55 - 1.75
Bergamot, artif., cns.....lb. 2.25 - 9.85
natural, Italian, coppers...lb.25.00 Nom
Brazilian, cns.....lb.10.00 -10.25
Birch (see Oil, sweet birch).
Birchtar, crude.....lb. 2.00 Nom.
rectified, cns.....lb. 3.00 Nom.
Bois de Rose, Brazil, cns....lb. 4.50 - 5.00
Mexican (see lignaloe wood).
Bone, dms., works.....gal. .65 - .70
Cade, USP IX (see Oil, juniper tar).
Cajeput, tech., dms.....lb. 1.65 - 2.25
redistilled, USP X, cns ...lb 2.00 - 2.70
Calamus, cns. .....lb.22.50 -25.00
Camphor, sassafrassy, cns..lb. No stocks
white, cns .....lb. No stocks
Cananga, native, cns.....lb.11.25 -12.50
rectified, cns.....lb.12.75 -15.00
Capsicum (oleoresin), USP VII, cns..lb. 4.50 - 4.65
Caraway, USP, cns.....lb.22.00 -24.00
Cardamom, bots.....lb.19.00 -21.00
Cassia, USP, cns.....lb.12.00 Nom
Castor,[1] blown, dms., returnable, c.l..lb. .15¼- —
l.c.l. .....lb. .16 - —
cold pressed, USP, bbls.,c.l.lb. .14 -
cns. .....lb. .15¾- 17¾
dms., returnable, c.l....lb. .13¾- —
l.c.l. .....lb. .14½- —
tanks .....lb. .13 - —
dehyd., bodied, dms., c.l...lb. .1790- —
l.c.l. .....lb. .1830- —
tanks .....lb. .1750- —
unbodied, dms., c.l.....lb. .1690- —
l.c.l. .....lb. .1730- —
tanks .....lb. .1650- —
No. 3, tech., bbls., c.l.....lb. .13¾- —
l.c.l. .....lb. .14¼- —
dms., returnable, c.l....lb. .13½- —
l.c.l. .....lb. .14¼- —
tanks .....lb. .12¾- —
sulphonated, 50% (48% fat), dms., c.l..lb. .10 - —
l.c.l. .....lb. .11 - —
75% (63% fat), dms., c.l..lb. .12¼- —
l.c.l. .....lb. .13¼- —
80% (68% fat), dms., c.l..lb. .13½- —
l.c.l. .....lb. .14½- —
Cedarleaf,[1] cns., dms.....lb. 2.65 - 2.85
Cedarwood, dms.....lb. 1.00 - 1.25
Celery, bots.....lb.19.50 -22.00
Chaulmoogra, USP, cns.....lb. .70 - .76
Chinawood, (see Oil, tung).
Cinnamon bark oil, bots....lb.36.00 -40.00
leaf oil, dms.....lb. 1.50 - 1.85
Citronella, Ceylon, cns.....lb. .95 - 1.00
Java, cns .....lb. 2.75 Nom
Clove, USP, cns.....lb. 1.60 - 1.65
Coconut,[1,5] Manila, crude, bulk, c.l.f., N. Y...lb. .0835- —
ret. dms.....lb. .0885- .0985
edible, ex tax, dms.....lb .0985-
Oil, cod, Newfoundland, dms., gal. .88 - —
tankcar .....gal. .83 - .85
Codliver,[5] med., USP, bbls., dms..gal. 2.35 - 2.50
Coriander, bots.....lb.23.50 -35.00
Corn,[1,5] crude, tanks, works.lb. .12¾- —
edible, dms., l.c.l.....lb. .16¾- .16½
tanks .....lb. .1502- —
foots, acid 95%, tanks, dlvd. E..lb. .07¼- —
raw, 50%, tanks, dlvd. E..lb. .06½- —
Cottonseed,[1,5] cooking, l.c.l., ret. dms..lb. .16¼- —
foots, acid, 95%, tankcar,. dlvd. E..lb. .07⅝- —
raw, 50%, tankcar, dlvd. E., lb. .03⅝- —
salad, l.c.l., ret. dms.....lb. .16½- —
Creosote (see C).
Croton, NF, cns.....lb. 3.00 - 4.00
Cubeb, USP, cns.....lb. No prices.
Crude (see Petroleum, crude).
Cumin, bots.....lb. 8.00 -10.00
Cypress, bots.....lb.12.00 - —
Degras (see D).
Dillseed, bots.....lb.10.00 Nom.
weed, bots.....lb. 5.50 - 5.75
Dip (see D).
Erigeron, cns.....lb. 2.25 - 2.40
Eucalyptus, cns.....lb. 1.20 Nom.
Fennel, sweet, cns.....lb. 4.50 Nom.
Fir, Canada, cns.....lb. 2.00 - 2.75
Fishliver,[1,5] dms., less than 40,000 A units per gram..... per million units. .14 - —
for each 1,000 additional A units up to 200,000 per gram..per million units. .001 -
200,000 or more A units..... per million units. .30 - —
Fuel (see Petroleum, fuel oil),
Gaultheria (see Oil, wintergreen leaf).
Geranium, Algerian, cns....lb.13.00 -15.75
Bourbon, cns.....lb.14.00 -16.50
Russian, cns.....lb.15.50 - —
Turkish (see Oil, palmarosa).
Oil, grapefruit, cns.....lb. 2.00 - 2.10
Ginger, dist., bots.....lb.20.00 -22.50
Hemlock, cns.....lb. 2.65 - 3.34
Juniper berry, cns.....lb.15.00 -16.00
wood, tecn., cns.....lb. 1.00 - 1.25
Juniper tar, USP, dms.....lb. 1.00 - 1.30
Lard,[6] common, 1 bbl.....lb. .14 - —
extra, No. 1, bbls.....lb. .14½- —
Winter, strained, bbls...lb. .15 - —
prime, burning, bbls.....lb. .16 - —
ined, bbls. .....lb. .15½- —
Laurel, bots.....lb. No prices
Lavandin, cns., 25 lbs.....lb. 8.00 - —
Lavender flower, French, cns., lb. 8.50 -16.00
Russian, cns. .....lb.11.00 -11.50
garden, cns. .....lb. .55 - .75
spike, Spanish, pure, cns..lb. 3.50 - 4.00
tech., cns. .....lb. 2.75 - 3.00
Lemon, Calif., cns.....lb. 3.25 - —
Messina, cns.....lb. 3.25 - —
Terpeneless .....lb.25.00 -50.00
Lemongrass, cns., dms.....lb. 1.50 - 1.60
Lignaloe wood, Brazilian (see Bois de Rose).
Mexican, seed, cns.....lb. No stocks.
wood, cns.....lb. 3.20 - 3.25
Lime, dist., Jamaica, cns....lb. 6.50 - 7.50
Mexican, cns. .....lb. 6.00 - 6.50
expressed, Jamaica, cns...lb.11.00 -12.50
Linseed, raw, dms., c.l.....lb. .1510- —
l.c.l. .....lb. .1550- .1610
tankcar .....lb. .1470- —
tankwagon .....lb. .1470- —
grinding, dlvd. Zone 1, tankcar..lb. .1450- .1550
varnish, dlvd. Zone 1, tankcar, lb. .1490- .1550
polymerized, dlvd. Zone 1, tankcar..lb. .1850- .2050
Boiled linseed oil, .004 over raw, tankcar, Zone 3.....lb. .127 - —
Linseed replacem't, dms. ret.lb. .131 - .137
Lubricating,[1] at refinery, extax, California, neut/aln, pale, 200-800 vis., 24-4 pour, tanks..gal. .07¼- .11
Oil, lubricating, at refinery, extax, California, red, 200-900 vis., 4-6½ pour, plus tanks.gal. .07¼- .11¼
Group 3, bright stock, 150-160 vis., 0-25 pour, tanks, gal. .25 - —
300 vis., No. 3 col., 0-10 pour, tanks..gal. .14½- .18
200-280 vis., No. 3 col., 15-25 pour tanks..gal. .15 - .17½
140-150 vis., No. 8 color, 10-25 pocr, tanks..gal. .24 - .30
cylinder oils, 600-630 flash, tanks..gal. .16 - .17
600-650 steam ref'd, tanks..gal. .15 - .15½
neutral, 70° F., No. 3 color, 150 vis., 0-25 pour, tanks..gal. .29 - .31
200 vis., 0-25 pour, tanks..gal. .31 - .32
Mace, dist., cns., dms.....lb. 5.00 - 5.25
Mandarin, Brazilian, cns....lb. 8.75 - 9.00
Italian, coppers .....lb.11.50 -15.00
Menhaden,[1,5] crude, tanks, Balto..lb. .0825- .0890
light-pressed, ret. dms.....lb. .1260- —
tanks .....lb. .1180- —
ref'd, alkali, ret. dms....lb. .1360- —
kettle-boiled, ret. dms....lb. .1460- —
Mineral, white (see Oil, white mineral).
Mustard, artif., USP, cns....lb. No stocks
Mustard seed,[6] exp., dms....lb. .14⅜- —
Neatsfoot, 15°, c.l., bbls....gal. 1.90 - —
20°, c.l., bbls.....gal. 1.80 - —
30°, c.l., bbls.....gal. 1.60 - —
pure, bbls. .....lb. .18¼ Nom
Neroli, bots.....lb.220.00 -275.00
Haitian, dms. .....lb.240.00 - —
Nutmeg, dist., cns., dms.....lb. 5.00 - 5.25
Oiticica,[1] liquid, dms.....lb. .20½- .21
tanks .....lb. No stocks
Oleo,[6] 1, bbls.....lb. .13¾ Nom.
Olibanum, bots. .....lb. 5.00 - —

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Butyl Phenyl Acetate
Lignin Vanillin
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Ethaldehyde
Cinnamic Alcohol
Ionone Ketone
Ionone Methyl
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Linalool Extra

Phenyl Acet Aldehyde Di Methyl Acetal
Di Phenyl Acetal of Phenyl Acet Aldehyde
Hydratropic Aldehyde
Para Methyl Hydratropic Aldehyde

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Aromatics Division
GENERAL DRUG COMPANY
644 Pacific St., Brooklyn 17, N. Y.
9 S. CLINTON STREET, CHICAGO 6 1019 ELLIOTT STREET, W. WINDSOR, ONT.

Oil, olive, denat., dms.....gal. No stocks.
edible,[1] Calif., ½%-3% f.f.a. dms..gal. 4.30 - 4.80
imported, dms.....gal. No stocks
foots, dms.....lb. No stocks
sulphonated, 50% (40% fat). dms., c.l..lb. No prices
l.c.l.....lb. No prices
80% (68% fat), dms., c.l..lb. No prices
l.c.l.....lb. No prices
85% (68% fat), dms., c.l..lb. No prices
l.c.l.....lb. No prices
Orange, sweet, dist., cs.....lb. 1.00 - —
expressed, Brazilian, cns..lb. 1.25 - 1.30
Calif., cns.....lb. 1.45 - 1.75
Florida, cns., dms.....lb. 1.10 - 1.20
Messina, USP, coppers.lb. No stocks
West Indian, cns.....lb. 3.75 - 4.00
sequiterpeneless, bots.....lb. 97.00 -100.00
Origanum, Spanish, cs.....lb. 2.40 - 2.75
Palm,[1,8] Niger, dms.....lb. .0885- —
Palmarosa, cns.....lb. 4.25 - 5.50
Paraffin,[1] 300° flash, 100-110 vis., tanks, G.3..gal. .05¾- —
320° flash, 60-70 vis., tanks, same basis..lb. .05¼- —
350° flash, 70-80 @ 100 vis., 0/10 pour..gal. .08 - —
80-85 vis., 0/10 pour, bbls., extra, Ind.refy..gal. .12 - —
100-100 vis., 0/10 pour, same basis..gal. .08½- —
10/25 pour, same basis.gal. .08¼- —
100-105 vis., 0/10 pour, same basis..gal. .14 - —
Patchouli, cns.....lb. 20.00 Nom.
Peanut,[1,8] crude, tanks, mill. lb. .13 - —
bichd., deod., tankcar.....lb. .1501- —
hydrog., tanks.....lb. .1573- .1578
foots, acid, 95%, tanks, divd. E..lb. .08 - —
raw, 50%, tanks, divd. E..lb. .04 - —
Pennyroyal, dms., cns.....lb. 4.10 - 4.25
import, cns.....lb. No prices

Oil, peppermint, natural, dms.lb. 7.50 - —
redist., USP, dms.....lb. 8.05 - —
Perilla, crude, dms.....lb. No stocks
Petitgrain, Paraguay, cns., dms. lb. 1.60 - 1.70
Pimento, berry, dms.....lb. 6.90 - 7.00
Leaf, cns.....lb. 4.50 - 4.75
Pine,[1,8] ret., dms., c.l., divd. E. gal. .63 - .68
l.c.l., ret., dms., divd. E. gal. .73 - —
tanks, works.....gal. .55 - —
Pineneedle, cns.....lb. 3.25 - 3.50
Putty,[2] bbls., E. Segundo, Richmond, Cal..gal. .22½- —
contracts.....gal. .19½- —
dms., c.l., Whiting, Ind..gal. *.34 - —
Boston, Providence....gal. .25 - —
l.c.l., same basis....gal. .27 - —
tanks, same basis.....gal. .18 - —
Martinez, Cal.....gal. .28 - —

* Extra for bbls., but subject to quantity discounts, ranging from 2c. to 5c. per gallon, according to amount purchased.

Rapeseed,[1,8] denat., bulk, c.i.f. N. Y..lb. .1150- —
Red,[6] dist. dms., divd.....lb. .12¾- .13⅜
tanks, divd.....lb. .12 - —
double dist., ret. dms.....lb. .15¼- .16⅛
Saponified, same prices.
Rose, natural, coppers.....oz. 30.00 -40.00
Rosemary, Spanish, cns., dms., lb. 1.70 - 2.10
Rosin, 1st rectified, dms....gal. .66 - —
2d rectified, dms.....gal. .68 - —
3d rectified, dms.....gal .72 - —
Rue, bots.....lb. 8.25 Nom.
Sage, Spanish, cns.....lb. 3.00 - 5.00
Sandalwood, NF, dist., cns..lb. 6.75 - —
Mysore, cns., case lots..lb. 7.00 - 7.25
Sardine, crude,[1,8] tanks, Pac. Coast..lb. .0890- —
light-pressed, ret. dms.....lb. .128 - .18
tanks.....lb .1225-

Oil, sardine, ref'd alkali, ret. dms..lb. .128 - .14
kettle-boiled, ret. dms.....lb. .1480- .1580
Sassafras, artif., cns.....lb. 1.05 - 1.40
natural, cns., dms.....lb. 1.90 - 2.00
Savin, cns.....lb. No stocks
Savory, cns.....lb. 8.00 - —
Sesame,[1,8] tanks.....lb. .1430- —
Shingle stain, bbls., c.l., works, gal. .19 - —
l.c.l., works.....gal. .20 - —
tanks, works.....gal. .14 - —
Snake root, Canada, cns.....lb. No stocks
Soybean,[1,8] crude, tanks, Decatur..lb. .1175- —
deod., Winter, tankcar.....lb. .1393- —
ret. dms.....lb. .1500- .1540
clarif., dms.....lb. .1295- .1350
tanks.....lb. .1256- —
foots, acid, 95%, tanks, divd. E..lb. .07¼- —
raw, 50%, tanks, dvid. E..lb. .05½- —
refd., varnish, dms.....lb. .1396- .1400
tanks.....lb. .1340- .1340
Spearmint, dms.....lb. 4.00 Nom
Sperm,[8] bleach, 38°, dms....lb. .1443- —
natural, 45°, dms.....lb. .1310- —
Spruce,[1] cns., dms.....lb. 2.65 - 3.34
Sunflower semi-ref.,[8] tanks..lb. .1430- —
refined, tanks.....lb. .1468- —
Sweet birch, North, cns.....lb. 4.00 - 5.00
South, cns.....lb. 2.50 - 3.75
Tall, crude, dms., c.l., works, ton. 53.65 -55.00
l.c.l., works.....ton. 58.65 -63.65
tanks, works.....ton. 40.00 -45.00
refined, dms., c.l., works..lb. .05 - .05½
l.c.l., works.....lb. .05½- —
tanks, works.....lb. .04½- —
Tallow,[8] acidless, bbls.....lb. .14¼- —
tanks.....lb. .13⅜- —
Tansy, cns.....lb. No stocks
Tar,[1] pine, dms., c.l., divd. E. cities..gal. .32¾- —
l.c.l., f.o.b. works....gal. .29⅜- —
tanks, divd. E. cities....gal. .27 - —
rect., USP, bbls.....gal. .60½- —

Oil, tar acid (see T).
Thyme, NF, red, cns.....lb. 2.50 - 3.50
white, cns.....lb. 2.65 - 4.00
Tung,[4,8] dms.....lb. .39 - —
tanks.....lb. .38⅜- —
Turkey red (see Castor, sulphonated).
Turpentine (see T).
vetiver, Java, bots.....lb. 50.00 Nom.
Whale,[8] ref., natural, dms..lb. .1187 Nom.
winter, bleach, dms.....lb. .1232 Nom.
Wheat germ, dms.....gal. 10.00 -13.50
White, mineral, tech., 50-60 vis., dms., c.l..gal. .38 - —
l.c.l.....gal. .42 - .45
65/75 vis., c.l.....gal. .36 - —
l.c.l.....gal. .42 - .45
USP, 80/90 vis., dms., dm. charges not included, c.l., gal. .39 - —
l.c.l.....gal. .45 - .48
95/105 vis., dms., c.l..gal. .44½- —
l.c.l.....gal. .50½- .53⅛
125/135 vis., dms., c.l...gal. .49 - —
l.c.l.....gal. .55 - .58
145/155 bis., dms., c.l...gal. .51 - —
l.c.l.....gal. .57 - .60
175/185 vis., c.l.....gal. .54½- —
l.c.l.....gal. .60½- .63⅝
200/210 vis., c.l.....gal. .58 - —
l.c.l.....l. .64 - .67
320/330 vis., c.l.....gal. .65 - —
l.c.l.....gal. .71 - .74
335/345 vis., c.l.....gal. .66 - —
l.c.l.....gal. .72 - .75
San Francisco, 55, 70 and 85 vis., ret. iron dms., 65 dms..gal. .40 - —
64-1 dms.....gal. .42 - .45
100 vis., 65 dms.....gal. .49½- —
64-1 dms.....gal. .51½- .54¼
145 vis., 65 dms.....gal. .57 - —
64-1 dms.....gal. .59 - .62
180 vis., 65 dms.....gal. .60½- —
64-1 dms.....gal. .62½- .65¼
340 vis., 65 dms.....gal. .72 - —
64-1 dms.....gal. .74 - .77
Wintergreen, nat., North, cns. lb. 6.50 - 8.50
South, cns.....lb. 4.00 - 4.25
synthetic (see Methyl salicylate).
Wood (see Oil, chinawood).
Wormseed, cns.....lb No prices.
Wormwood, cns.....lb. 5.00 Nom.
Ylang-ylang, Bourbon, bots..lb. No stocks
Oleostearin,[1] bbls.....lb. 1054- —
Olivine, aggregate, c.l., mines, ton. 7.00 - 9.50
crushed, 8 mesh, bulk, c.l., works..ton. 8.00 - —
paper bgs., c.l., works..ton. 9.50 - —
lumps, same basis.....ton. 7.00 - —
spalls, same basis.....ton. 5.00 - —
Opium gum, USP, cns., 50-lb. lots..lb. 13.00 - —
25-lb. lots.....lb. 13.25 - —
smaller lots.....lb. 13.50 -13.65

Prices on powd. and gran. USP opium are $1.50 per pound higher.

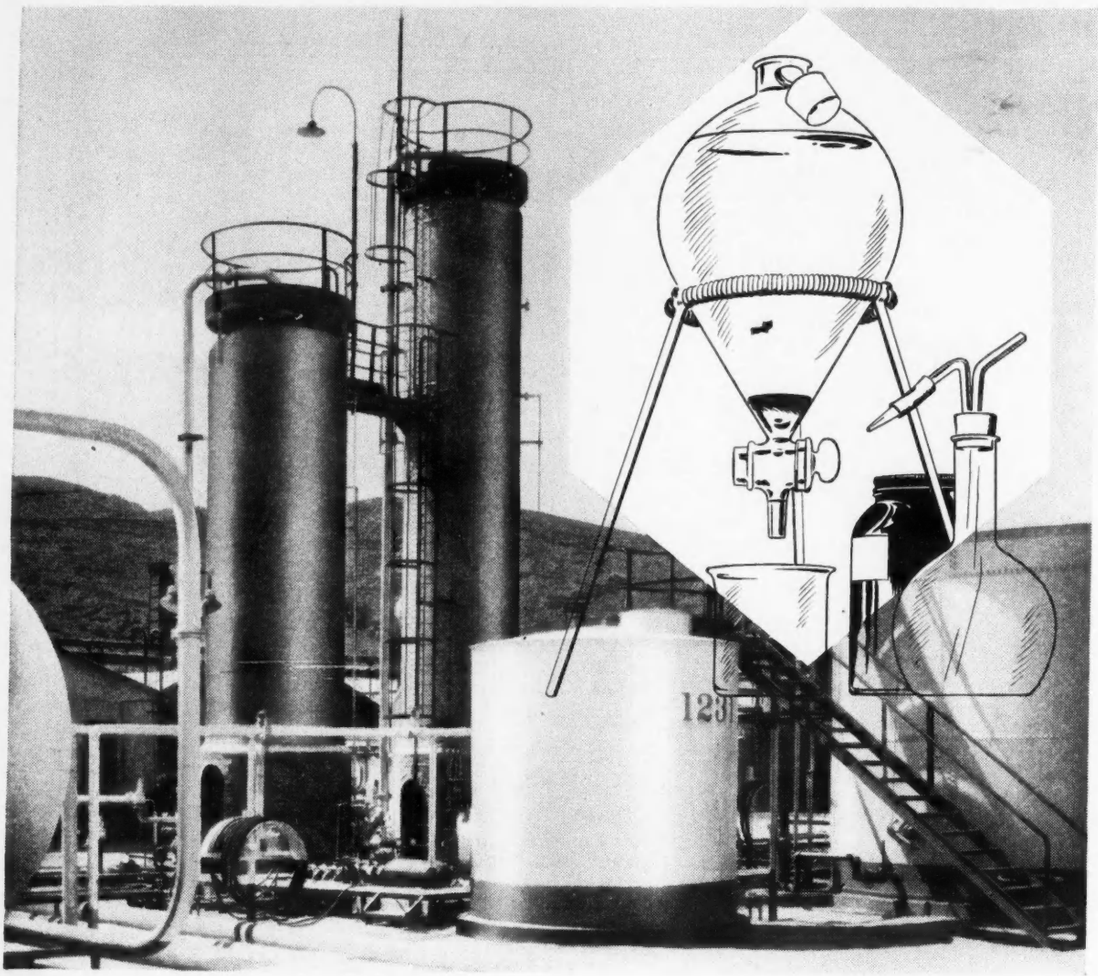
Orange, dinitroanilin toner,[1]..lb. 1.05 - —
Lake, Persian,[1] bbls.....lb. .30 - .45
Mineral, Amer., bbls., 5 tons, divd. Ala., Ark., Cal., Fla., Ga., La., Miss., Okla., Tex. and W. of Cascade Mts. in Ore. and Wash..lb. .12¼- —
divd., Ariz., Idaho, Nev., Utah and E. of Cascade Mts. in Ore. and Wash. lb. .12¾- —
Colo., Mont., N. M., Wyo..lb. .12¼- —
other points.....lb. .12 - —
smaller lots, divd. Ala., etc..lb. .12¾- —
Ariz., etc.....lb. .13¼- —
Colo., Mont., N. M., Wyo..lb. .13 - —
Other points.....lb. .12½- —
Molybdate,[1,8] bbls.....lb. .41 - —
Orthonitroanilin toner,[1] kgs., works..lb. .80 - —
bbls.....lb. .80 - 1.05
Orange peel, bitter, Haitian, bgs., lb. .12½- .13
sweet, bls.....lb. .14 - .14½
Oregano, Mexican, curly leaf, bgs..lb. .10½- .11
flat leaf, bgs.....lb. .10 - .10½
Orris root, African, bls.....lb. .80 - .85
powd., bbls., bxs.....lb. .85 - .90
Portuguese, bls.....lb. .45 - .44
Verona, bls.....lb. 1.25 - 1.30
Orthoamylphenol, dms., works..lb. .25 - —
Orthoanisidin, bbls.....lb. .70 - —
Orthochloroanilin, dms.....lb. .60 - .70
Orthochlorophenol, dms.....lb. .32 - —
Orthocresol,[2,6] 30.4°C. Min. M.P., dms., c.l., works..lb. .17½- .18
l.c.l., same basis.....lb. .18 - .18½
29.0°C. Min. M.P., dms., c.l., works..lb. .16½- .17
l.c.l., same basis.....lb. .17 - .17½
Orthodichlorobenzene, dms., c.l., works, frt. alld. E. of Rockies, lb. .07 - —
l.c.l., same basis.....lb. .08 - —
tanks, same basis.....lb. .06½- —

Orthodichlorobenzene prices west of Rockies 1c. per lb. higher.

Orthonitroanilin, dms.....lb. .45 - —
Orthonitrochlorobenzene, dms..lb. .15 - .18
Orthonitroparachlorophenol, cns., lb. .75 - —
Orthonitrotoluene, dms.....lb. .09 - —
Orthophenetidin, dms.....lb. .82 - —
Orthotoluidin, dms.....lb. .19 - —
Osage orange, crystals, bbls....lb. .23 - —
extract, No. 1, bbls.....lb. .11 - —
No. 2, bbls.....lb. .10 - —
Oxyquinolin sulphate, cns., 100 lbs., works..lb. 3.50 - —
smaller lots.....lb. 3.75 - 4.15

P

Papain, powd., cs.....lb. 2.25 - 2.60
Papaverine natural, synthetic, hydrochloride, NF, cns., 100-oz. lots..oz. 7.00 - —
smaller lots.....oz. 7.05 - 7.25
sulphate, cns.....oz. 7.10 - 7.35
Paprika,[1] Chilean, good, bgs..lb. .27 - .28
Portuguese, choice, bgs.....lb. .39 - .39½
extra fancy, bgs.....lb. .38¼- .38⅝
good, bgs.....lb. .36 - .37
Spanish, fancy, bgs.....lb. .45 - .56
good, bgs.....lb. .36 - .37
fair, bgs.....lb. .32 - .32
Para-anisidin, dms., works....lb. .75 - —
Parachlorophenol, tms., wks..lb. .32 - —
Paracresol,[8] bbls., wks.....lb. .41 - —
Paracymene, dms., c.l., works..lb .1595- —
l.c.l., same basis.....lb. .1645- —
tanks, same basis.....lb. .1545- —
Paradichlorobenzene, dms., c.l., works..lb. .11 - .13
l.c.l., same basis.....lb. .12½- .15
Paraffin, crude scale, white or yellow, 119-121 ASTM, bbls., c.l., refinery..lb. .04¼- —
fully ref'd, slabs, loose, 117-119 ASTM, c.l., refinery..lb. .05 - —
120-122 ASTM, same basis, lb. .0520- —
122-124 ASTM, same basis, lb. .0520- —



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Oronite Chemicals may not now be available to you, for even those which are already in commercial production are largely subject to war-time allocations. But all of our data is at your disposal, and our research staff is ready to help you with your particular problems.

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Oronite Waterproofing Compound
Oronite Polybutenes
Calodorant* (Natural Gas Odorant)
Oronite Cresylic Acids
Oronite Naphthenic Acids
Oronite Aliphatic Acids
Oronite Sodium Sulfonates
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ORONITE CHEMICALS

ORONITE CHEMICAL COMPANY

Russ Building, San Francisco 4, Calif.
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Standard Oil Bldg., Los Angeles 15, Calif.

Paraffin, fully refined, 125-127 ASTM, same basis	lb.	.0560- —
127-129 ASTM, same basis	lb.	.0585- —
128-130 ASTM, same basis	lb.	.0585- —
130-133 ASTM, same basis	lb.	.0615- —
132-134 ASTM, same basis	lb.	.0640- —
135-137 ASTM, same basis	lb.	.0715- —
140-142 ASTM, same basis	lb.	.0810- —
146-148 ASTM, same basis	lb.	.1050- —
Prices in bags 4/10c. per lb. higher than those for slabs loose.		
Paraformaldehyde,[3,5] dms., 1,000 lbs. or more, works	lb.	.23 - —
100 to 900 lbs., works	lb.	.24 - —
Paraldehyde, tech., 98%, 55 and 110-gal. dms., l.c.l., works	lb.	.12 - —
and 10-gal. dms., works	lb.	.15 - —
USP, cns., cbys	lb.	.35 - .45
Paranitroanilin, kgs., works	lb.	.43 - .45
Paranitrochlorobenzene, k g s., works	lb.	.15 - —
Paranitrophenol, kgs	lb.	.35 - —
Paranitrotoluene, kgs., works	lb.	.30 - —
Paraphenylenediamine, t e c h., kgs	lb.	2.00 - —
Paratoluenesulphonamide, bbls	lb.	.70 - —
Paratoluidin, bbls., works	lb.	.48 - —
Paris green,[1] dealer, dms., kgs., c.l., works, frt. alld	lb.	.20 - .25
l.c.l., same basis	lb.	.21 - .26
Passion flower herb, bls	lb.	No prices
Patchouli leaves, bls	lb.	.34 - .35
Pectin, bbls	lb.	85 - —
Penicillin,[6] ampules, per 100,000 units		1.90 - —
Pennyroyal leaves, bls	lb.	.15 - .16
Pentachlorophenol, dms., works, lb.		.20 - .25
Pentaerythritol,[6] CP, bbls., dlvd. lb.		.75 - —
less than barrel lots	lb.	1.00 - —
tech., bbls., c.l.	lb.	.29 - —
l.c.l.	lb.	.33 - —
Tetra-acetate, bbls., dlvd.	lb.	1.00 - —
less than barrel lots	lb.	1.50 - —
Pentane,[1] 28°-38° C., industrial grade, dms., c.l., Group 3,	gal.	.11 - —
l.c.l., Group 3	gal.	.19 - —
tanks, Group 3	gal.	.07½- —
laboratory grade, dms., c.l.,	gal.	.16 - —
l.c.l.	gal.	.29 - —
10 gal.	gal.	.35 - —
Pepper, black,[1] 15 tons, bgs	lb.	.0665 Bid
50 to 100 bgs	lb.	.0705 Bid
24 bgs	lb.	.0723-.0740
red, chillies, Carolina, longs, bgs	lb.	.28 - .28½
sports, bgs	lb	.50 - .52
Congo, bgs	lb.	.25 - .26
Louisiana, sports, bgs	lb	.50 - .52
Mombassa, bgs	lb.	.20½- .21
Niger, fair, bgs	lb.	.18½- .19
Sierra Leone, bgs	lb.	.22½- .23
Unganda, washed, bgs	lb.	.21 - .21½
white,[1] 15 tons, bgs	lb.	.1161 Nom.
24 bgs	lb.	.1295 Nom.
Peppermint, USP, bls	lb.	.60 - .70
import, bls	lb.	.90 Nom.
Perchloroethylene,[6] d m s., c.l., works, frt. alld., Zone 1	lb.	.0782- .0800
l.c.l., same basis	lb.	.0832- .0850
Zone 2, dms. c.l., works, frt. alld.	lb.	.0832- .0850
l.c.l., same basis	lb.	.0882- .0900
Zone 3, dms., c.l., works, frt. equald	lb.	.0882- .0900
l.c.l., same basis	lb.	.0932- .0950
Zone 4, dms., c.l., f.o.b. stock point	lb.	.0882- .0900
l.c.l., same basis	lb.	.0932- .0950

Perchlorethylene zones are:—(1) Conn., Del., Ill., Ind., Ia., Ky., Me., Md., Mass., Mich., Minn., Mo., Neb. (Omaha), Kans. (Kansas City), N. J., N. Y., N. C., Ohio, Pa., R. I., Tenn., Vt., Va., W. Va., Wis.; (2) Ala., Ark., Fla., Ga., Kans., La., Miss., Neb., N. D., Okla., S.C., S.D.; (3) Col., Mont. (E), N.M., Tex., Wyo.; (4) Ariz., Cal., Idaho, Mont (W), Nev., Ore., Utah, Wash.

Peru balsam, dms	lb.	1.15 - 1.20
Petrolatum, tech., dark, bbls., Group 3, c.l.	lb.	.021 - —
golden Topaz, bbls., c.l.	lb.	.032 - —
l.c.l.	lb.	.036 - —
red, veterinarian, bbls., c.l.	lb.	.024 - —
l.c.l.	lb.	.028 - —
USP, amber, fiber dms., c.l.	lb.	.03½- —
l.c.l.	lb.	.04½- —
extra amber, fib. dms., c.l.	lb.	.03¾- —
l.c.l.	lb.	.04¾- —
cream, c.l., fib. dms.	lb.	.05 - —
l.c.l.	lb.	.06½- —
yellow, soft, fib. dms., c.l.	lb.	.03½- —
l.c.l.	lb.	.04½- —
white, lily, fib. dms., c.l.	lb.	.05¾- —
l.c.l.	lb.	.07¼- —
snow, l., fib. dms.	lb.	.06½- —
l.c.l.	lb.	.08 - —
soft, c.l., fib. dms.	lb.	.05½- —
l.c.l.	lb.	.06½- —
Petroleum, crude, bulk, at wells, California, heavy grades	bbl.	.93 - 1.01
Illinois	bbl.	1.37 - —
Kentucky, Union County	bbl.	1.32 - 1.37
Louisiana-Arkansas	bbl.	.86 - 1.20
Oklahoma-Kansas	bbl.	.85 - 1.25
Pennsylvania	bbl.	1.31 - 3.00
Texas, Gulf Coast	bbl.	1.06 - 1.36
North, North-Central	bbl.	1.01 - 1.25
West	bbl.	.70 - 1.12
Panhandle	bbl.	1.10 - 1.22
Savannah, Ga	bbl.	1.60 - 1.77
Wyoming	bbl.	1.12 - —
Ether, laboratory grade, 30-60° C., dms., c.l., Group 3	gal.	.18 - —
l.c.l.	gal.	.29 - —
10 gals.	gal.	.55 - —
35-60° C., dms., c.l.	gal.	.29 - —
10 gals.	gal.	.55 - —
40-75° C., dms., c.l.	gal.	.16 - —
l.c.l.	gal.	.29 - —
10 gals.	gal.	.55 - —
Fuel oil, furnace, tanks, at refinery:— Arkansas, No. 1	gal.	.04 - —
Nos. 2 and 3	gal.	.03½- —
California, heavy	bbl.	1.10 - —
light	bbl.	1.20 - —
diesel	gal.	.04 - —
stove dist.	gal.	.05 - —
Group 3, No. 3	gal.	.03½- —
Group 3, No. 5	bbl.	.85 - —
No. 6	bbl.	.80 - .85
Kansas, No. 6	bbl.	.85 - .90
Oklahoma, No. 2	gal.	.03¾- —
No. 6	bbl.	.90 - —
14-16	bbl.	.97 - —
Pennsylvania, No. 1	gal.	.07 - .07¾
No. 2	gal.	.07 - .0695
No. 3	gal.	.06¾- .07¾
36-40 gravity	gal.	.07 - .07¾
bunker C, Baltimore, Md.	bbl.	1.65 - 1.77
Boston, Mass.	bbl.	1.65 - 1.77
Charleston, Mass.	bbl.	1.60 - —
Jacksonville, Fla.	bbl.	1.60 - —
New York, N. Y.	bbl.	1.65 - 2.07
Norfolk, Va.	bbl.	1.65 - 1.77
Philadelphia, Pa.	bbl.	1.65 - —
Portland, Me.	bbl.	1.80 - —
Providence, R. I.	bbl.	1.65 - —
Savannah, Ga.	bbl.	1.65 - 1.77
Wilmington, N. C.	bbl.	1.65 - —

Petroleum, lacquer diluent, at refinery:— California, 100 l.b.n., 200 e.p., tanks, dlvd. Los Angeles,	gal.	.11 - —
Fort Wells, Wash.	gal.	.12 - —
San Francisco	gal.	.11½- —
Willbridge, Ore.	gal.	.12 - —
East Coast, N. J., N. Y., tanks.	gal.	.11½- —
	gal.	.07⅞- —
Group 3, benzol type, tanks, toluol type, tanks.	gal.	.07⅞- .07⅛
Mineral spirits, at refinery, California (f.o.b. San Francisco), 163-252 b.r., tanks,	gal.	.10½- —
198-200 b.r., tanks	gal.	.10¾- —
246-397 b.r., tanks	gal.	.10½- —
312-408 b.r., tanks	gal.	.09 - —
362-458 b.r., tanks	gal.	.09 - —
East Coast, N. J., N. Y.	gal.	.10 - —
Group 3, tanks	gal.	.06¼- —
tankwagon, Baltimore	gal.	.12 - .18
Boston	gal.	.12 - —
Bridgeport, Conn.	gal.	.1630- —
Buffalo	gal.	.1240- —
Camden, N. J.	gal.	.11 - —
Chicago	gal.	.13½- —
Detroit	gal.	.1580- —
Hartford	gal.	.1630- —
Kansas City, Mo.	gal.	.1480- —
Lancaster, Pa.	gal.	.12 - —
Milwaukee	gal.	.1440- —
Minneapolis	gal.	.1420- —
Newark (200 gal.)	gal.	.11 - —
New York (200 gal.)	gal.	.11 - —
Philadelphia	gal.	.11 - —
Pittsburgh	gal.	.129 - —
Providence	gal.	.13 - —
Rochester	gal.	.1320- —
St. Louis	gal.	.1370- —
Syracuse	gal.	.14 - —
Washington, D. C.	gal.	.13 - —
Wilmington, Del.	gal.	.13 - —

Petroleum, naphtha, cleaners, at refinery:— California (f.o.b. San Francisco), tanks.	gal.	.12 - —
East Coast, N. J., N. Y., tanks.	gal.	.11 - —
Group 3, tanks	gal.	.07½- —
tankwagons, Newark	gal.	.12 - —
Bridgeport	gal.	.1730- —
Chicago	gal.	.1380- —
Detroit	gal.	.15 - —
Milwaukee	gal.	.1440- —
Minneapolis	gal.	.1420- —
New York	gal.	.12 - —
Philadelphia	gal.	.125 - —
St. Louis	gal.	.1470- —
high-solvency, No. 1, over 76% arom., tanks, Bayway, N. J.	gal.	.21½- —
No. 2, over 90% arom., same basis	gal.	.21½- —
No. 3, same basis	gal.	.22½- —
No. 8, tanks, same basis,	gal.	.228 - —
No. 30, tanks, f.o.b. Kingsland, N. J., frt. alld.	gal.	.223 - —
No. 40, tanks, Wilmington, Cal.	gal.	.13¼- —
V.M.&P., at refinery:— California, 46.5, 254 l.b.p. 380 e.p., tanks, f.o.b. El Segundo	gal.	.11 - —
Richmond	gal.	.11½- —
Willbridge, Ore., Pt. Wells, Wash.	gal.	.12 - —
Calif., 54-77, 190 l.b.p., 310 e.p., tanks, dlvd. Los Angeles.	gal.	.10 - —
San Francisco	gal.	.10½- —
Portland, Seattle	gal.	.11 - —

Petroleum naphtha, V.M.&P., at refinery:— Group 3, tanks	gal.	.07½- —
Gulf Coast (dlvd. New Orleans), tanks.	gal.	.06½- —
tankwagon, Boston	gal.	.13 - —
Chicago	gal.	.1380- —
Detroit	gal.	.15 - —
Milwaukee	gal.	.1540- —
Minneapolis	gal.	.1520- —
Newark (200 gal.)	gal.	.125 - —
New York	gal.	.12 - —
Philadelphia	gal.	.125 - —
Pittsburgh	gal.	.12½- —
St. Louis	gal.	.1470- —
Solvent, rubber, at refinery, California (f.o.b. San Francisco)	gal.	.25½- —
East Coast, N. J., N. Y., tanks.	gal.	.11 - —
Group 3, tanks	gal.	.07½- .07⅛
Stoddard (CS 8-33), at refinery:— California (f.o.b. San Francisco), tanks.	gal.	.11 - —
East Coast, N. J., N. Y., tanks.	gal.	.10 - —
Group 3, tanks	gal.	.06⅝- —
Pennsylvania, western, tanks.	gal.	.07¼- .07½
tankwagon, Baltimore	gal.	.13 - —
Boston	gal.	.12 - —
Chicago	gal.	.13¼- —
Detroit	gal.	.1580- —
Milwaukee	gal.	.1440- —
Minneapolis	gal.	.1420- —
Newark	gal.	.11 - —
New York	gal.	.11 - —
Philadelphia	gal.	.11 - —
Pittsburgh	gal.	.12½- —
St. Louis	gal.	.1370- —
Syracuse	gal.	.14 - —
Xylol solvent. See Xylol petroleum solvent.		
Phenobarbital, 5-lb. cns.	lb.	3.60 - 3.70
dms., 100 lbs.	lb.	3.50 - —

There's Going to Be a THUNDERSTORM!

Ohmigosh! We hate to look . . .

But it's no worse than the thunderstorm in your business when the solvents fail to meet specifications for uniformity and throw production out of gear all along the line. For in solvents, if there's one thing you've *got to have*—it is *uniformity.*

Hurdle that problem by specifying SKELLYSOLVE. The unvarying uniformity of SKELLYSOLVE is *assured* by our processes of refining it.

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in the* OIL, PAINT *and
DRUG FIELD

The Skellysolve line includes naphthas specially fractionated for all laboratory and industrial uses. We furnish a full line of V. M. & P. naphthas, mineral spirits, and lacquer diluents, as well as many other special hydrocarbons. Our technical staff has aided many manufacturers in developing formulas for new or improved products which have proved to be of great value. Write or wire for full information today.

SKELLYSOLVE

SOLVENTS DIVISION, SKELLY OIL CO.
SKELLY BLDG., KANSAS CITY, MO.

Phenol,[2,6] 90-92% (cresol, 8-10%), dms., c.l., works, frt. equald., lb. .10 - —
l.c.l., same basis..... .10¾- —
tanks, same basis..... .09 - —
82-84% (cresol, 16-18%), dms., c.l., same basis..lb. .09¾- .10¼
l.c.l., same basis..... .10½- .10¾
tanks, same basis.. .....lb. .08¾- .09¼
USP, dms., c.l., works, frt. equald..lb. .10½- —
l.c.l., same basis..... .11¼- —
tanks, same basis..... .09½- —
Phenolphthalein, USP, bbls., dms., 2,000 lbs..lb. .85 - —
smaller lots..... .87 - .92
yellow, fib. dms., 2,000 lbs...lb. .80 - —
smaller lots..... .82 - .87
Phenothiazin, fib. dms., 2,000-lb. shipt..lb. .49 - —
smaller lots, same basis..lb. .54 - —
Phenylacetaldehyde, 50% solut., bots..lb. 2.45 - 3.00
100% solut.. bots.....lb. 4.40 - 5.00
Phenylethyl acetate, cns.....lb. 2.45 - 3.00
Phenylethylphenyl acetate, bots., lb. 5.50 - 7.90
Phenylhydrazin, base, CP, bots.lb. 4.55 - —
Hydrochloride, CP, bots., works, lb. 7.10 - —
commercial, kgs., works....lb. 1.75 - —
Phloroglucinol, CP, fib. dms...lb.13.75 -14.75
tech., fib. dms.....lb.12.00 -12.50
Phosgene, ton lots, works.....lb. .19 - —
Phosphate rock,[1,9] Fla., land pebble, unground, run-of-mine, washed, dried, 68%-66% b.p.l., M.P.R. 240 provisions, f.o.b. car, mine, c.l..... long ton. 2.20 - —
70-68% b.p.l., M.P.R. 240 provisions, same basis..long ton. 2.60 - —
72%-70% b.p.l. M.P.R. 240 provisions, same basis..long ton. 3.20 - —
75%-74% b.p.l., M.P.R. 240 provisions, same basis..long ton. 4.20 - —
77%-76% b.p.l., M.P.R. 240 provisions, same basis..long ton. 5.20 - —
entirely pebble 50c. per ton higher than above prices.
30%, P_2O_5 minimum, short ton. 2.90 - —
31%, P_2O_5 minimum.. short ton. 3.10 - —
70%, basis 32%, P_2O_5 minimum..short ton. 3.45 - —
Tenn., brown, unground, run-of-mine, 70%-68% b.p.l., 5% l. & a., M.P.R. 240 provisions, same basis..long ton. 5.00 - —
72%-70% b.p.l., 5½% l. & a., M.P.R. 240 provisions, same basis..long ton. 5.50 - —
refinery ground, same basis, long ton. 4.65 - —
30%, P_2O_5, same basis..... short ton. 4.85 - —
31%, P_2O_5, same basis. .. short ton. 4.95 - —
32%, P_2O_5, same basis..... short ton. 5.20 - —
33%, P_2O_5, same basis..... short ton. 5.70 - —
Phosphate, defluorinated (see under D).
Phosphorus,[6] red amorphous, cs., tins, export.....lb. .40 - .44
lb. .55 - —
Yellow, dms.....lb. .25 - —
cs.....lb. .23 - .25
Oxychloride,[6] cyls.....lb. .15 - .18
Pentoxide,[6] dms., c.l., wks..lb. .11 - .12
l.c.l., works.....lb. .13 - .14
Sesquisulphide,[6] cs.....lb. .38 - .42
Trichloride,[6] cyls.....lb. .15 - .16
Phthalamide, bbls., works.....lb. .35 - .40
kgs., works.....lb. .45 - .50
Phthalic anhydride,[6] bgs., bbls., c.l., works, frt. alld. E. of Denver..lb. .13 - —
l.c.l., same basis.....lb. .14 - —
Pichi leaves, bgs.....lb. .08 - .09½
Picoline (see Alphapicoline and Betapicoline).
Picrotoxin, bots.....oz. 8.00 - —
Pilocarpine hydrochloride, USP, bots., vis..oz. 3.90 - 5.25
Nitrate, bots., vis.....oz. 3.80 - 5.15
Pimento,[1] Jamaica, bgs.....lb. .21 - .21½
Mexican (see Allspice, Mexican).
Pinkroot, bls.....lb. 1.90 - 2.00
Piperazine hexahydrate, bots..lb.16.00 - —
Pitch, burgundy (see B).
Coaltar,[3] 160° m.p., bbls., c.l., works..ton.19.00 - —
l.c.l., works.....ton.22.00 - —
Cottonseed, dms., works.....lb. .04 - .06
Hardwood, paper bgs., works.lb. .03½- —
Linseed, dms.....lb. .05 - .05½
Petroleum (see Asphaltum, Mexican, Texas).
Soybean, dms., works.....lb. .04 - .06
Pine, dms.....100 lbs. 3.25 - —
stands, 200 lbs.....stand. 6.00 - —
Plaster of paris (see Gypsum).
Podophyllin, dms.....lb. 8.75 - 9.00
Pokeroot, bbls.....lb. .14 - .18
Polyamylnaphthalene, dms., l.c.l., works..lb. .25 - —
Pomegranate, root bark, bgs...lb. .30 - .35
Poppy flowers, bls.....lb. .60 - .70
Seed, Canadian, bgs.....lb. No stocks
domestic, blue, bgs.....lb. No stocks
Dutch, bgs.....lb. No stocks
Indian, white, bgs.....lb. No stocks
Turkish, bgs.....lb. No stocks
cleaned, bgs.....lb. No stocks
Potash abietate.....lb. .08 - —
Acetate, USP, bbls., dms....lb. .28 - .30
cns.....lb. .31 - .33
Arsenite,[6] USP, solut., cbys., djns..lb. .13 - .15
Bicarbonate, USP, cryst., gran., bbls., dms..lb. .19 - .21
Bichromate,[6] bbls., cks., c.l., works..lb. .09¾- —
l.c.l., works.....lb. .09¾- .10
Potash bichromate in bgs., ½c. less.
Bromide, USP, gran., 500-lb. bbls., dms..lb. .27 - .31
100-lb. kgs.....lb. .23 - .32
Carbonate, calc., bbls., c.l., works..lb. .06½- —
l.c.l., same basis.....lb. .06¾- —
hydrated, 83-85%, bbls., c.l., works..lb. .05½- —
dms., l.c.l., same basis..lb. .05¾- —
USP, gran., bbls., dms....lb. .14 - .20
powd., bbls., dms.....lb. .19 - .21
Caustic, flake, 88-92%, dms., c.l., works..lb. .07 - —
l.c.l., works.....lb. .07½- —
45% basis, dms.....lb. .05¼- .05¾
tanks.....lb. .02½- —
liquid, dms., c.l., works, frt. alld..lb. .03 - —
l.c.l., dms., same basis..lb. .03¼- —
tanks, same basis.....lb. .02¾- —
solid, 88-92%, dms., c.l., works..lb. .06¼- —
l.c.l.....lb. .06½- .06¾
Chromate,[6] bgs.....lb. .24 - .28
Chlorate,[6] cryst., bgs., c.l., works..lb. .11 - .11¾
l.c.l., works.....lb. .119 - .13
Potash chlorate, powd., dms., kgs., c.l., works..lb. .09¾- .11¾
l.c.l., works.....lb. .119 - .13
export, 1 to 10 tons, kgs., ex whse..lb. .18 - .20
Chloride, cryst., tech., 98%, bgs., kgs..lb. .08 Nom.
Citrate, USP, gran., bbls., dms. lb. .33½- .36¼
powd., 3c. per lb. higher.
Cyanide,[6] dms., works.....lb. .55 - —
Fluoride, bbls.....lb. .34 - .40
Glycerophosphate, 75% sol., cns., cbys..lb. 1.65 - 1.67
dms., 1,000 lbs.....lb. 1.50 - —
100 lbs.....lb. 1.60 - —
Guaiacolsulphonate, NF, dms.lb. 1.65 - 1.85
Hydroxide, USP, sticks, dms.lb. .34 - .36
Hypophosphite, cns.....lb. .72 - .75
Iodate, bots., 5 lbs.....lb. 3.46 - —
cns., 25 lbs.....lb. 3.33 - —
Iodide, bots., cns.....lb. 1.44 - 1.48
dms.....lb. 1.35 - 1.38
Manure salt, dom.,[9] 22% K_2O, f.o.b. Carlsbad, N. M..... unit-ton. .20 - —
Potash, manure salt, dom., 22% K_2O, seasonal contract discounts to March 31, 1945, 12%.
25% K_2O, same basis..... unit-ton. .21 - —
Metabisulphite, gran., bbls..lb. .19 - .21
powd., bbls.....lb. .25 - —
Muriate, dom.,[6] 60-62-63% K_2O, bulk, ex vessel, ports, unit-ton. .53½- —
Seasonal contract discounts to March 31, 1945, 12%.
granular, 50-52% K_2O..... unit-ton. .53½- —
Russian,[6] offered from consignments afloat, subject to safe arrivals..unit-ton. .53¼- —
Domestic muriate of potash prices, basis f.o.b. Carlsbad, N. M., are 11.2c. per unit of K_2O less than ex vessel price, basis
Trona, Cal., 8c. per unit of K_2O less than ex vessel price at Pacific Coast ports.
Nitrate (see Saltpeter).
Oxalate, neutral, pure, gran., bbls., dms..lb. .37 - .50
tech., fine gran., bbls., dms., lb. .28 - .31
Perchlorate,[6] kgs., works....lb. .09½- .11
Permanganate, tech., dms., works..lb. .19¾- .20¼
USP, dms., works.....lb. .20½- .21
Prussiate, red, bbls., dms..lb. .50 - .53
Yellow, bbls.....lb. .16 - .17
Ricinoleate, tech., bbls.....lb. .18 - —
Silicate, alkaline, lumps, bgs., works..lb. .07 - —
glass, bgs., c.l.....ton.290.00 - —
l.c.l. .....100 lbs.15.25 - —
solution 20° Be, ret. drums, c.l., works..100 lbs. 4.25 - —
l.c.l., 5 or more, works.. 100 lbs. 5.00 - —
1-4, works.....100 lbs. 5.50 - —
32° Be, ret. dms., c.l., works, 100 lbs. 4.75 - —
l.c.l., 5 or more, works. 100 lbs. 5.50 - —
1-4, works.....100 lbs. 6.00 - —
40.5° Be, ret. dms., c.l., works..100 lbs. 5.75 - —
l.c.l., 5 or more, works. 100 lbs. 6.50 - —
1-4, works.....100 lbs. 7.00 - —
Sulphate, NF, powd., bbls...lb. .15 - .21
Prices on granular 4c. higher.
tech., dom., bulk,[6] basis 90-95%, K_2SO_4, min., 90% ex vessel, Atl. or Gulf ports.. ton.36.25 - —
Sulphocyanide, NF, dms.....lb. .70 - .78
Xanthate, dms., c.l.....lb. .12 - —
Potash-gold cyanide, 41% gold, bots., works..oz.14.20 -14.95
Potash-magnesia sulphate, bulk,[6] min., 40% K_2SO_4, 18.50% MgO, ex vessel, ports..ton.26.00 - —
Potash-soda ferricyanide, dms., works..lb. .40 - .43
Potash-titanium oxalate, bbls., dms..lb. .45 - .50
Berries, bgs.....lb. .23 - .25
Prickly ash bark, bls.....lb. .40 Nom.
Prince's pine herb, bls.....lb. .45 - .50
Procaine hydrochloride, cns., 25 lbs..lb. 8.00 - —
smaller lots.....lb. 8.25 - 8.75
Propane,[1] industrial grade, tanks, Group 3..gal. .03¾- —
Propylenegiycol, dms., c.l., frt. alld. in E..lb. .15½- —
l.c.l., same basis.....lb. .16¼- —
tanks, same basis.....lb. .14½- —
Psyllium seed (see Pleasseed).
Pulsatilla, bls.....lb. .68 - .69
Pumice, grd., fine, bgs., ton lots, lb. .03¾- —
smaller lots.....lb. .03¾- .04
coarse, 0½, 1, 1½, 2, 3, bgs., ton lots..lb. .03¾- —
smaller lots.....lb. .03¾- .04¼
Chi., ton lots.....lb. .04½- —
Pumice packed in barrels is ½c. per lb. higher than the above prices.
Pumpkin seed, bgs.....lb. .38 - .40
Purple lake (see Red).
Putty, com'l, dms.....100 lbs. 3.15 - —
linseed oil, raw, dms....100 lbs. 5.00 - —
refined, dms.....100 lbs. 5.50 - —
standard, dms.....100 lbs. 4.20 - —
Pyrethrum,[1,6] concentrate, dewaxed, 20% for aerosol bombs, bbls., works.....lb. 9.25 - 9.50
liquid (20 to 1), basis 2 grams pyrethrins per 100 cc., bbls., works..gal. 7.15 - —
(30 to 1), basis 3 grams pyrethrins per 100 cc., bbls., works..gal.10.65 - —
flowers, coarse-grd., 0.9% pyrethrins, bbls., works..lb. .31½- —
fine-grd., 0.9% pyrethrins, bbls., works..lb. .33¾- —
powder, 0.5% pyrethrins, bbls., works..lb. .25 - —
Pyridin,[6] denaturing, ret. dms., works, frt. equaid..gal. 1.55 - 1.60
refd., 2° ret. dms., same basis. lb. .45½- .46
Pyrites, Spanish, c.i.f. Atl. ports. long ton. 8.00 -10.60
Pyrocatechin (see Catechol).
Pyronate, dms., works.....gal. .75 - 1.25
Pyrophyllite, standard, 200 mesh, c.l., pap. bgs., mines..ton.10.00 - —
325 mesh, same basis....ton.13.00 - —
No. 3, 200 mesh, c.l., mines.ton. 8.00 - —
325 mesh, same basis....ton.11.00 - —
Pyroxylin scrap, opaque, amber, c.s., works..lb. .17 - —
black, cs., works.....lb. .17 - —
China, white, ivory, cs., works..lb. .17 - —
dense, white, cs., works..lb. .17 - —
gray, cs., works.....lb. .17 - —
mixed, mottles, cs., works. lb. .14 - —
translucent pastels, cs., works, lb. .17 - —
transparent, cs., works...lb. .19 - —
colors, cs., works.....lb. .17 - —
shavings, amber, cs., works..lb. .17 - —
mixed colors, cs., works...lb. .14 - —
white, cs., works.....lb. .17 - —

Q

Quassia chips, bls.....lb. .10 - .15
Quebracho extract,[6] solid, 63%, bgs., c.l., ex dock, in bond, based on ocean freight, $12; insurance $1 per ton. Any difference for buyers account. Current freight $21.60; WSA insurance, $3.75 per ton..lb. .04⅞- .05½
clarified, 64%, bgs., c.l., same basis..lb. .05¾- .05⅝
dissolved, 35% tan., bbls., works..lb. .04125- .0550
tanks, works.....lb. .03625- .0450
ground, bgs., c.l.....lb. .08 - .09
c.l., bgs.....lb. .0825- .0950
Queen of the meadow root, bgs. lb .11 - .13
Quercitron, crystals, bbls.....lb. .26 - —
extract, bbls., No. 1.....lb. .10 - —
No. 2.....lb. .09½- —
No. 3.....lb. .09 - —
solid, bxs.....lb. .18½- —
Quicksilver,[1], flasks (76 lbs. net)..flask.105.00 -110.00
Quince seed, bgs.....lb. 1.30 - 1.75
Quinidine,[6] NF V, cryst., cns.oz. 1.08 + .13½*
powd., precip., cns.....oz. 1.01 + .13½
Sulphate, USP, cns.....oz. .71 + .13½

* Surcharge of 13½c. per oz.; see note under Quinine.

Quinine,[6] NF, cns., 100 ozs...oz. .84 + .13½*
Acetate, cns., 100 ozs.....oz. 1.05 + .13½
Arsenate, cns., 100 ozs.....oz. 1.05 + .13½
Arsenite, cns., 100 ozs.....oz. 1.07 + .13½
Bisulphite, USP, cns., 100 ozs..oz. .69 + .13½
Citrate, cns., 100 ozs.....oz. .78 + .13½
Dihydrobromide, bots., 50 ozs. oz. .86 + .13½
Ethylcarbonate, USP, cns., 100 ozs..oz. 1.25 + .13½
Ferrocyanide, cns., 100 ozs..oz. 1.07 + .13½
Formate, cns., 100 ozs.....oz. 1.00 + .13½
Glycerophosphate, cns., 100 ozs. oz. 1.20 + .13½
Hydrochloride, USP, cns., 100 ozs..oz. .76 + .13½
Hydrochlorosulphate, cns., 100 ozs..oz. .81 + .13½
Hydroiodide, cns., 100 ozs..oz. 1.05 + .13¾
Hyposulphite, cns., 100 ozs..oz. 1.07 + .13½
Phosphate, NF, cns., 100 ozs., oz. .90 + .13½
Salicylate, NF, cns., 100 ozs.oz. .79 + .13½
Sulphate, USP, cns., 100 ozs.oz. .67 + .13½
Sulphocarbolate, cns., 100 ozs. oz. 1.05 + .13½
Tannate, USP X, cns., 100 ozs. oz. .63 + .13½
Tartrate, cns., 100 ozs.....oz. 1.03 + .13½
Valerate, NF IV, 100 ozs...oz. .99 + .13½

* Surcharge to cover present war risk insurance, ocean freight rates, and additional expenses over the cost of usual business. Change in these controlling factors will be reflected in the surcharge invoiced.

Quinine-urea hydrochloride,[6] USP, cns..oz. .81 + .13½*
Surcharge: See note under Quinine.
Quinoline, dms., c.l., works...lb. .24½- .50

R

R salt, dry, bbls.....lb. .65 - —
paste, dms.....lb. .52 - —
Raspberries, dried, bls.....lb. .95 - 1.00
Red, alizarin lake,[3] bbls., dlvd. N. of Tenn. and N.C., E. of Miss R., including St. Paul, Minneapolis, Dave nport, Rock Island, St. Louis..lb. 1.10 - 1.90
Prices ¼c. per lb. higher dlvd. Ala., Fla., Ga., La. (Shreveport, 1¼c.); Miss., N. C., S. C., Tenn., Tex. (Dallas, Ft. Worth, 1¼c.; El Paso, 2c.), Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph; 1.6c. per lb. higher dlvd. Pacific Coast prices equaled with Chicago dlvd. Denver, Pueblo, Salt Lake City, Wichita.
Cadmium, lithopone, deep shade, bbls., E. Rockies...lb. 1.00 - —
light shade, bbls., same basis..lb. .85 - —
medium shades, bbls., same basis..lb. .80 - —
Red cadmium lithopone, all shades, in smaller pkgs., 5c. per lb. higher.
Selenide, dark, bbls., works.. lb. 2.50 - —
light, same basis.....lb. 2.20 - —
orange, bbls., 100-lb. lots, works..lb. 1.50 - —
Carmine, 40, dms., 100 lb. lots, works..lb. 4.60 - —
smaller lots, same basis..lb. 4.75 - 5.25
Crocus Martis (see Red, purple oxide).
Dyes (see Dyes, red).
Eosin toner, bbls., works....lb. 1.35 - —
Firetoner, dom., bbls., works.lb. .85 - —
Indian, pure, bbls., f.o.b. Bethlehem, Easton, E. St. Louis, N. Y...lb. .09¼- —
Indian, 80-85%, bbls., same basis..lb. .09¾- —
imp., English, all shades..lb. .12 - —
Iron oxide, pure, bbls., c.l., l.c.l., bbls.....lb. .09¾- —
reduced, 85% copperas oxide, bbls., l.c.l., f.o.b. Bethlehem, Pa.; Copley, O.; Easton, Pa., and E. St. Louis..lb. .08¾- —
80% copperas oxide, bbls., same basis..lb. .08½- .096
Lacquer, maroon, bbls., works. lb. 1.25 - —
Lake C toner, alizarin, bbls., works..lb. .90 - —
Litho toner, alizarin, lake, bbls., works..lb. .60 - —
Pink, bbls., works.....lb. .20 - .25
Rose lake, bbls., works....lb. .25 - .28
Lithol - rubin toner, alizarin lake, bbls., works..lb. 1.10 - —
Maroon, alizarin lake, 25%, kgs., works..lb. .40 - —
Cadmium, bbls., works.....lb. 1.10 - —
deep, bbls., same basis..lb. 1.20 - —
Maroon, in smaller pkgs., 5c. per lb. higher.
Mercury oxide,[3] tech., bbls., 10,000 lbs., works..lb. 2.00 - —
smaller lots.....lb. 2.02 - —
Metallic, bbls., Pa., works..lb. .02 - —
Orange, Persian (see O).
Oxide (see Red, iron oxide).
Para[3] toner, concent., alizarin lake, kgs., works..lb. .70 - —
Phloxin toner (see Red, Eosin toner).
Phosphotungstic rhodamine, Y, kgs., works..lb. 4.15 - —
Purple, lake, kgs.....lb. 1.00 - —
Scarlet ink toner, kgs., works. lb. .55 - —
lake, alizarin, kgs., works, lb. .35 - —
Spanish oxide, grade 1, c.l., bbls..lb. .04⅝- .07¾
Red, toluidin toner, alizarin lake kgs., works..lb. 1.05 - —
M.N.P.T. maroon toner, kgs., works..lb. 3.25 - —
Turkey, bbls., works.....lb. .14½- —
Tuscan, bbls., E. St. L.....lb. .11 - —
Venetian, 5%, bbls., works..lb. .0220- —
10%, bbls., works.....lb. .0245- —
15%, bbls., works.....lb. .0265- —
20%, bbls., works.....lb. .02¾- —
25%, bbls., works.....lb. .03 - —
30%, bbls., works.....lb. .03¼- —
35%, bbls., works.....lb. .0360- —
40%, bbls., works.....lb. .04 - —
Vermilion, Amer., bbls.....lb. .25 - .40
Quicksilver, bbls.....lb. 2.25 - 2.35
Red precipitate,[3] NF, powd., fib. dms..lb. 2.17 - 2.19
Red saunders wood, grd., bbls. lb. .35 - —
Resorcinol, tech., dms., frt. alld. E. of Miss..lb. .68 - .75
USP, cryst., dms., 100 lbs., frt. alld. E. of Miss..lb. 1.80 - —
Rhatany root, bxs.....lb. .11 - .12
Rhubarb, whole, cs.....lb. .85 - 2.50
powd., bbls.....lb. .95 - 2.60
Riboflavin, bots., 100 grams..kilo.230.00 - —
Rice bran concentrate, dms., Cedartown, Ga., or Emeryville, Calif., seller's option. lb. .79 - —
Rochelle salt, cryst., bbls., 5,000 lbs., 1 ship't..lb. .43½- —
smaller lots.....lb. .44 - .47
Rochelle salt, powd., bbls., 5,000 lbs., 1 ship't..lb. .42½- —
smaller lots.....lb. .43 - .46
Rose flowers, pale, bls.....lb. .45 - .50
Rosemary flowers, bls.....lb. 1.55 - 1.60
Leaves, Portuguese, bls....lb. .09 - .09½
Spanish, bls.....lb. .13½- .14
Rosin, gum:—
B, dms., c.l.....100 lbs. 5.41 - —
D, dms., c.l.....100 lbs. 5.51 - —
E, dms., c.l.....100 lbs. 6.13 - —
F, dms., c.l.....100 lbs. 6.17 - —
G, dms., c.l.....100 lbs. 6.24 - —
H, dms., c.l.....100 lbs. 6.24 - —
I, dms., c.l.....100 lbs. 6.24 - —
K, dms., c.l.....100 lbs. 6.24 - —
M, dms., c.l.....100 lbs. 6.24 - —
N, dms., c.l.....100 lbs. 6.40 - —
W.G., dms., c.l.....100 lbs. 6.55 - —
W.W., dms., c.l.....100 lbs. 6.91 - —
X, dms., c.l.....100 lbs. 6.91 - —
Wood, F.F., dms., c.l...100 lbs. 3.78 - 3.98
Rotenone,[1,6] CP, bbls., works, lb.10.90 - —
extract, liq., dms., works..... per unit. 1.05 - —
powder (see Cube root).
Rottenstone, bgs., c.l., mines.ton.25.50 - —
l.c.l., same basis.....ton.37.50 - —
Rue, bls.....lb. .75 - .80

S

Sabadilla seed, powd., bbls....lb. .30 - .32
Saccharin,[1] soda (soluble), dms., makers, primary distrib., 1,000 lbs. up..lb. 1.30 - 1.35
smaller lots, same basis..lb. 1.40 - 1.60
Saffron, Mexican, bls.....lb. .70 - .75
Spanish, tins.....lb.45.00 Nom.
Safrol cns.....lb. 1.35 - 1.50
Sage,[1] Calif., leucophylla, July-Aug., bgs., Pacific Coast, lb. .55 - .56
Cyprus, good, bls.....lb. .20 - .20½
fair, bls.....lb. .17 - .17½
Spanish, bls.....lb. .20 - .20½
Sago flour, bgs.....lb. .05 - .05¾
Salicin, bots., 5 lbs.....lb. No stocks
cns., 25 lbs.....lb. No stocks
Salol, gran., bbls., kgs.....lb. .90 - —
fib. dms.....lb. .92 - .93
powder, 10c. per lb. higher.
Salt rock, bgs., c.l.....ton.14.20 - —
l.c.l., bgs.....ton.17.00 -18.00
vacuum, common, fine, bgs., c.l..ton.15.70 - —
l.c.l. .....ton.19.40 -23.20
Saltcake, dom., bulk, works.ton.15.00 - —
Chrome (see Chrome cake).
Saltpeter, dbl. ref., gran., bbls., 10 tons..100 lbs. 8.20 - —
smaller lots.....100 lbs. 8.35 - 8.60
powd., bbls., 10-20 tons.... 100 lbs. 9.20 - —
smaller lots.....100 lbs. 9.35 - 9.60
Sanguinarine nitrate.....lb. 3.75 - —
Santonin, cryst., cns.....kilo.200.00 -210.00
Saponin, No. 1, cns.....lb. 1.75 - 1.90
No. 2, cns.....lb. 1.40 - —
Sarsaparilla root, Amer., bls..lb. .35 - .37
Honduras, bls.....lb. .45 - .50
Mexican, bls.....lb. .19½- .20
Sassafras bark, ord., bls.....lb. .35 - .40
select, bls.....lb. .65 - .70
Savory, Spanish, bls.....lb. .33 - .34
Saw palmetto berries, bgs.....lb. .20 - .25
Scammony resin, lump, cns.. lb. 1.30 - —
powd., cns.....lb. 1.35 - —
Root, bgs.....lb. .08 - .10
Schaeffer's salt, bgs.....lb. .46 - —
Scullcap, Eastern, bls.....lb. No stocks
Seidlitz mixture, bbls., 5,000 lbs., 1 shipment..lb. .33¾- —
smaller lots.....lb. .34½- —
kegs, 5,000 lbs., 1 shipm't..lb. .34¼- —
smaller lots.....lb. .34 - —
Selenium, pwd., cs., 1,000 lbs..lb. 1.75 - —
cns., 10 lbs.....lb. 1.85 - —
Senega root, spot, lbs.....lb. 1.00 - 1.05
senna, Alex., half leaf, bls...lb. .22 - .28
siftings, bgs.....lb. .22 - .24
Tinnevelly, No. 1, bls.....lb. .16 - .16½
2, bls.....lb. .11½- .12
3, bls.....lb. .10 - .10½
powd., bbls., bgs.....lb. .15 - .17
Pods, bls.....lb. .13 - .16
Serpentaria root, bls.....lb. .85 - .90
Sesame seed,[1] Chinese, hulled, bgs..lb. .13½- .14
Indian, hulled, recleaned, bgs. lb. No stocks
natural, bgs.....lb. .11 Nom.
Shellac,[1] bonedry, bbls., 1,500 lbs..lb. .42½- —
Boston, ...lb. .43½- —
Chicago .....lb. .44 - —
Pacific coast.....lb. .46 - —
refined, bbls., 1,500 lbs....lb. .48½- —
Boston .....lb. .49½- —
Chicago .....lb. .50 - —
Pacific coast.....lb. .52 - —
Bonedry shellac, sales of less than 1,500 lbs., at following additions to maximum prices:—(1) packed in bgs., ¾c. per lb., (2), bbls., 1c. more; (3), kgs., 3c. more.
D.C., V.S.O., Diamond I, bgs., lots of 100...lb. .4660- —
Garnet, bgs., lots of 100.....lb. .3890- —
Superfine, bgs., Boston, N. Y., lots of 100..lb. .3860- —
Chicago, lots of 100.....lb. .3710- —
Pacific coast, lots of 100...lb. .3960- —
TN, bgs., Boston, N. Y., lots of 100..lb. .3550- —
Chicago, lots of 100.....lb. .3600- —
Pacific coast, lots of 100...lb. .3805- —
Shellac in cs., 2c. higher. Shellac sales, 1 bg. or 1 cs., 5c. additional; 1 to 9 bgs. or cs., 2c. more; 10 to 99 bgs., cs., 1c. more.

Silica, amorph., dry-grd., 325 mesh, bgs., c.l., lil., works. ton.17.00 - —
l.c.l., same basis....ton.20.00 - —
400 mesh, bgs., c.l., same basis..ton.18.00 - —
l.c.l., same basis....ton.19.00 -20.00
wet-grd., 325 mesh, bgs., c.l., same basis..ton.18.00 - —
l.c.l., same basis....ton.21.00 - —
400 mesh, bgs., c.l., same basis..ton.30.60 - —
l.c.l., same basis.....ton.35.00 -38.00
96-98%, 325 mesh, bgs., c.l., same basis..ton.20.00 - —
l.c.l., same basis....ton.21.50 -23.00
99%, 325 mesh, bgs., c.l., same basis..ton.20.00 - —
l.c.l., same basis....ton.22.00 -25.00
hard-quartz, 99½%, 325 mesh, bgs., c.l., same basis..ton.15.50 - —
l.c.l., same basis....ton.18.50 - —
140 mesh, bgs., c.l., same basis..ton.11.00 - —
l.c.l., same basis....ton.16.00 - —
Silicon tetrachloride, tech., 55-gal. dms., c.l., works..lb. .15½- —
l.c.l., works.....lb. .18½- —
10 gals., works.....lb. .27 - —
Silver bullion.....oz. .44¾- —
govt. purchase, dom.....oz. .7111- —
govt. purchase,[1] foreign...oz. .44¾- —
Cyanide, cns., 100 ozs.....oz. .41½- —
Nitrate, 100-oz. bots.....oz. .32¾- —
Nucleinate, bots., dms.....oz. .308 - .358
Proteinate, bots., dms.....oz. .288 - .338
Simarubra bark, bls.....lb. .52 - .55
Skunk cabbage root, bls.....lb. .40 - .45
Slate flour, bgs., c.l., works..ton.11.00 -12.00
l.c.l., works.....ton.12.00 -13.00
Sloe berries, bgs.....lb. .70 - .75
Smalt, black, ctns.....lb. .06 - .08
Blue, ctns.....lb. .07 - .08¾
Snakeroot, Canada, bls.....lb. .40 - .42
Soapbark, bls.....lb. .11¾- .12¾
crushed, bls., bbls.....lb. .13 - .14
cut, dom., bls., bbls.....lb. .16 - .19
imp., bbls.....lb. .18 - .19
powd., bbls.....lb. .1[illegible] - .18
Alginate, refined, water-soluble, bbls., works..lb. .79 - —
gran., powd., 60%, bbls., c.l., dlvd..lb. .05 - —
l.c.l., dlvd.....lb. .05½- .06
NF, bbls., dlvd.....lb. .09½- .10
Soda alginate, refined, water-soluble, bbls., works..lb. .79 - —
semi-refined, bbls., works..lb. .42 - —
white, powd., dms.....lb. 1.50 - 1.80
Aluminate,[6] for water treat., bgs., c.l., works..100 lbs. 7.50 - —
l.c.l., works..... 100 lbs. 8.40 - —
other uses, bgs., c.l., works. 100 lbs. 7.00 - —
l.c.l. .....100 lbs. 7.50 - 8.00
Antimonate, bbls., dlvd.....lb. .15 - .15½
Arsenate,[6] dms., dealers, c.l., works..lb. .09½- —
l.c.l., same basis.....lb. .10¾- .11¼
Arsenite,[6] gray, dms., dealers, c.l., works..lb. .08¼- —
l.c.l., works.....lb. .09 - .10
Soda arsenite, gray, ¾c. higher in Chi.; 2c. higher in Houston, Tex., and Palo Alto, Calif.
Ash, dense, 58%, bgs., c.l., works..100 lbs. 1.15 - —
l.c.l., dlvd., zone 1..... 100 lbs. 2.18 - —
2 .....100 lbs. 2.33 - —
3 .....100 lbs. 2.58 - —
4 .....100 lbs. 2.98 - —
bbls., c.l., works..100 lbs. 1.35 - —
2 .....100 lbs. 2.50 - —
3 .....100 lbs. 2.75 - —
4 .....100 lbs. 3.15 - —
bulk, c.l., works....100 lbs. .95 - —
extra light, 58%, bgs., c.l..... 100 lbs. 1.13 - —
l.c.l., dlvd. zone 1..... 100 lbs. 2.13 - —
2 .....100 lbs. 2.28 - —
3 .....100 lbs. 2.53 - —
4 .....100 lbs. 2.93 - —
bbls., c.l., works..100 lbs. 1.45 - —
l.c.l., dlvd., zone 1..... 100 lbs. 2.45 - —
2 .....100 lbs. 2.60 - —
3 .....100 lbs. 2.85 - —
4 .....100 lbs. 3.25 - —
bulk, c.l.....100 lbs. .90 - —
light, 58%, bgs., c.l., works, 100 lbs. 1.05 - 1.13
l.c.l., dlvd., zone 1..... 100 lbs. 2.13 - —
2 .....100 lbs. 2.28 - —
3 .....100 lbs. 2.53 - —
4 .....100 lbs. 2.93 - —
bbls., c.l., works...100 lbs. 1.35 - —
bbls., l.c.l., dlvd. zone 1... 100 lbs. 2.35 - —
2 .....100 lbs. 2.50 - —
3 .....100 lbs. 2.75 - —
4 .....100 lbs. 3.15 - —
bulk, c.l.....100 lbs. .90 - —

Soda ash sales zones are:—(1) All States E. of Miss R. and N. of south. bound. of Ky. and Va.; also Ala., La., and Miss., S. of 31°, Tex. E. of 100°, S. of 31°, Fla.; also Me., N. H., and Vt., in which there are special county zones; Davenport, Ia., and St. Louis; (2) Ark., E. of 93°, Ga. Iowa (except Davenport), Minn.; Mo. (except St Louis), Neb. E. of 98°, N. C., S. C., Tenn and Tex. N. of 31° and E. of 100° (except Wichita Falls); also Ala., La., and Miss. N. of 31°; (3) Ark. W. of 93°, Kans. Neb., W. of 98°, N. D., Okla., S. D., Tex. W. of 100° (including Wichita Falls (excluding El Paso); (4) Ariz., Colo., Idaho, Mont., Nev., N. M., Utah, Wyo., and El Paso, Tex.

Benzoate, tech., bbls., 2 tons or more..lb. .39 - —
smaller lots.....lb. .40 - .43
USP, dms., 2 tons or more.lb. .46 - —
smaller lots.....lb. .47 - .52
Bicarbonate, tech., bbls., c.l., works..100 lbs. 1.70 - —
l.c.l. .....100 lbs. 2.05 - —
bgs., c.l., works.....100 lbs. 1.55 - —
l.c.l. .....100 lbs. 1.90
USP, gran., bbls., c.l., works, 100 lbs. 2.25 - —
l.c.l. .....100 lbs. 2.60 - —
powd., bbls., c.l., works.... 100 lbs. 1.85 - —
l.c.l. .....100 lbs. 2.51 - —
kgs., c.l., works....100 lbs. 2.10 - —
l.c.l. .....100 lbs. 2.76 - —
Bichromate,[6] bbls., cks., c.l., works..lb. .07¾- —
l.c.l., works.....lb. .07½- .07¾
Soda bichromate in bgs., ½c. less.
Bifluoride, bbls., c.l., frt. alld. E..lb. .11½- —
l.c.l., same basis.....lb. .12 - .14
kgs., l.c.l., same basis....lb. .12½- .14
Bisulphite, powd., bbls., c.l., works..100 lbs. 3.00 - 3.10
l.c.l., works.....100 lbs. 3.50 - 3.60
solution, 32°, bbls., c.l., works, 100 lbs. 1.30 - —
l.c.l.. works.....100 lbs. 1.55 - —
30°, bbls., c.l., works..100 lbs. 1.35 - —
l.c.l., works.....100 lbs. 1.80 - —
35°, bbls., c.l., wks..100 lbs. 1.40 - —
l.c.l., works.....100 lbs. 1.65 - —
44°, bbls., works.....100 lbs. 1.55 - —
l.c.l., works.....100 lbs. 1.80 - —

Soda bromide, USP, gran., bbls., 500 lbs., works..lb. .27 - .30
fiber dms., works, 100 lbs. lb. .28 - .31
Cacodylate, 5-lb. bots., works. lb.17.00 - —
Carbonate (see Soda ash, soda monohydrated, soda sal).
Caustic, flake, powd., 76%, dms., c.l., works..100 lbs. 3.70 - —
l.c.l., zone 1, dlvd..... 100 lbs. 3.55 - —
2, dlvd.....100 lbs. 3.70 - 5.05
3, dlvd.....100 lbs. 3.95 - 5.30
4, dlvd.....100 lbs. 4.35 - 5.70
liquid, 47-49%, buyers' tanks, works..100 lbs. 1.92½- —
sellers' tanks, works.... 100 lbs. 1.95 - —
70%, buyers' tanks, works. 100 lbs. 1.97½- —
sellers' tanks, works... 100 lbs. 2.00 - —
solid, 76%, dms., c.l., works, 100 lbs. 2.30 - —
l.c.l., zone 1, dlvd..... 100 lbs. 3.15 - —
2, dlvd.....100 lbs. 3.30 - —
3, dlvd.....100 lbs. 3.55 - —

Caustic soda zones are same as soda ash. Chloride (see Salt).

Chlorate,[6] cryst., bgs., c.l., works..lb. .06¼- —
l.c.l., works.....lb. .06½- —
powd., bgs., c.l., works..lb. .06½- —
l.c.l., works.....lb. .07 - .08½
Chromate,[2,5] bbls., cks., c.l., works, frt. equald..lb. .08¾- —
l.c.l., works, frt. equald..lb. .08¾- .09¼
Soda chromate in bgs. is ¼c. lower.

Soda, citrate, USP VIII, bbls..lb. .18½- —
dms. .....lb. .19½- .23½
USP XII, gran., bbls.....lb. .24 - —
dms. .....lb. .25 - .29
powd., bbls.....lb. .24½- —
dms. .....lb. .25½- .29½
Cyanide,[6] 96-98%, dms.....lb. .14½- .16
Diacetate, 33-35% acidity, bbls., dlvd..lb. .09¾- .10½
anhyd., dms., dlvd.....lb. .12½- —
Fluoride, white, 90%, bbls., c.l., works..lb. .07 - —
l.c.l., works.....lb. .08 - —
95%, bbls., c.l., works...lb. .07¼- —
l.c.l., works.....lb. .08¼- —
Soda fluoride prices at Los Angeles are f.a.s. works.
Glutamate, monobasic, kgs..lb. 1.04 - 1.06
Glycerophosphate, NF, cryst., bbls., 1,000 lbs..lb. 1.25 - —
dms. .....lb. 1.40 - —
powdered, 5c. higher.
solution, 50%, cbys., cns...lb. .82 - .90
Hydrosulphite, dms., frt. alld. lb. .17 - .18
Hydroxide, USP, sticks, dms.lb. .24 - .26
Hypophosphite, NF, cns.....lb. .67 - .70
Hyposulphite, cryst., bgs., c.l., works, frt. equald..100 lbs. 2.25 - —
l.c.l., same basis.100 lbs. 2.50 - —
pea, bgs., c.l., works..100 lbs. 2.60 - —
l.c.l., works.....100 lbs. 2.75 - 3.05
Soda hyposulphite in bbls., 20c. higher; in dms., 50c. higher.
Iodate, dms., jars.....lb. 5.40 - 5.48
Iodide, bots.....lb. 2.53 - 2.57
dms., jars.....lb. 2.42 - —
Mandelate, dms.....lb. 3.25 - 3.35
[illegible]ate, bgs.....lb. .40 - —
Metasilicate,[6] anhyd., dms., c.l., works, frt. equald..100 lbs. 4.00 - —
l.c.l., same basis....100 lbs. 4.90 - 5.30
gran., bbls., c.l., works, frt. equald..lb. 2.50 - —
l.c.l., dlvd.....100 lbs. 3.30 - 3.60

Soda, molybdate,[6] anhyd., kgs., works..lb. .47 - —
Monohydrated, bbls.....100 lbs. 3.00 - —
works .....100 lbs. 2.55 - —
Naphthionate, bbls.....lb. .50 - —
Nitrate,[6] crude, dom., 100-lb. bgs., c.l., works..ton.30.05 - —
bulk, same basis.....ton.27.00 - —
imp., 100-lb. bgs., c.l., Atl., Gulf, Pac., whse..ton.33.00 - —
200-lb. bgs., same basis.. ton.32.40 - —
bulk, same basis.....ton.30.00 - —
refd., gran., bbls., 10 tons. 100 lbs. 3.60 - —
smaller lots.....100 lbs. 3.75 - 4.00
Nitrite, 96-98%, dom., bbls., c.l., works, frt. equald..lb. .06¾- —
West Coast ports.100 lbs. 8.00 - 8.65
l.c.l., dlvd.....100 lbs. 8.90 -11.90
Orthosilicate, anhyd., dms., c.l., works, frt. equald..lb. 4.50 - —
l.c.l., same basis..100 lbs. 5.45 - 5.85
flake, dms., c.l., wks..100 lbs. 3.15 - —
l.c.l., dlvd.....100 lbs. 4.30 - 4.55
Oxalate, neut., bbls.....lb. .10 - .11
Pentachlorophenate, briquets, bgs., works, frt. equald..lb. .17 - .18
powd., bgs., c.l., works, frt. equald..lb. .16 - .16½
l.c.l., works, frt. equald.lb. .17 - —
kgs., works, frt. equald..lb. .19 - —
lb. .19 - —
Pantothenate, dext., 100-gram bots..per gram. .10 - —
Perborate,[6] NF, bbls., c.l., works..lb. .14¾- —
l.c.l.. works.....lb. .15¼- —
Peroxide,[6] dms., c.l., dlvd. E. of Miss..lb. .14 - —
smaller lots.....lb. .17 - —

Chromium EXTENDS PRECISION FIRING

Now, thanks to Chromic Acid, our Navy goes into battle with guns capable of firing accurately over prolonged periods because the perfection of hard chrome plating of rifle barrels has lengthened their life. Previous to the development of hard chromium plating, the number of salvos possible from guns was less because prolonged firing wore away the rifling in the gun, thus seriously affecting both accuracy and distance.

Among other uses of Chromium Chemicals is hard chrome plating of cylinder walls and piston rings of airplane and Diesel engines, thus greatly prolonging their life; the chrome plating of moving parts of guns for wear resistance; for bright dipping brass in cartridge case construction; for anodizing light alloys in our planes to inhibit corrosion, and a host of other very important uses that are building up America's war arsenal.

Bichromate of Potash • Bichromate of Soda • Chromic Acid

MUTUAL CHEMICAL CO. OF AMERICA — NEW YORK, N.Y.

CHROMIUM CHEMICALS

MUTUAL CHEMICAL COMPANY OF AMERICA

270 MADISON AVENUE NEW YORK 16, N.Y.

Soda, phosphate,[6] dibasic, tech., anhyd., bgs., c.l., works.... 100 lbs. 6.00 - 6.35
l.c.l., works....100 lbs. 6.50 - 7.35
cryst., bgs., c.l., works.. 100 lbs. 2.55 - 2.70
l.c.l., works.....lb. 2.95 - 3.45
USP XII, gran., bbls., dms., works..lb. .10 - —
dried, bbls., dms., works. lb. .16 - —
monobasic, anhydrous, bgs., c.l., works..100 lbs. 7.35 - 8.35
l.c.l., works.....100 lbs. 8.00 - 9.00
tribasic,[6] anhydrous, bgs., c.l., works, frt. equald..100 lbs. 6.00 - —
l.c.l., same basis..100 lbs. 6.50 - —
cryst., bgs., c.l., same basis. 100 lbs. 2.70 - —
l.c.l., same basis..100 lbs. 3.40 - —
kgs., c.l., works..100 lbs. 3.40 - —
l.c.l., works.....100 lbs. 4.15 - —
USP (see Sodium phosphate, dibasic).
Soda phosphate in bbls. is 20c. higher.

Prussiate, yellow, bgs., contracts, works..lb. .09¾- .10⅛
spot .....lb. .10⅞- —
bbls., contract, works..lb. .10 - .10⅝
spot .....lb. .11 - —
Pyrophosphate,[6] anhyd., bgs., c.l., works, frt. equald..... 100 lbs. 5.28 - 6.10
l.c.l., same basis...100 lbs. 5.40 - 6.60
bbls., c.l., wks., frt. equald.. 100 lbs. 5.45 - 6.30
l.c.l., same basis...100 lbs. 5.60 - 6.60
Ricinoleate, tech., bbls.....lb. .12 - —
Sal, bgs.....100 lbs. 1.35 - —
works .....100 lbs. 1.10 - —
bbls. .....100 lbs. 1.40 - —
works .....100 lbs. 1.20 - —
Salicylate, dms.....lb. .52 - .55
Sesquicarbonate, bgs., c.l., works. 100 lbs. 1.50 - —
bbls., c.l., works.....100 lbs. 1.70 - —
l.c.l., zone 1, dlvd...100 lbs. 2.70 - —
2, dlvd.....100 lbs. 2.85 - —
3, dlvd.....100 lbs. 3.10 - —
4, dlvd.....100 lbs. 3.50 - —
Soda sesquicarbonate l.c.l. price zones are same as those for soda ash.
Sesquisilicate, dms., c.l., works. 100 lbs. 3.95 - —
l.c.l., dlvd.....100 lbs. 4.05 - 4.30
Silicate, 40° turbid, dms., c.l., works..100 lbs. .80 - —
l.c.l., works.....100 lbs. 1.05 - 1.20
tanks, works.....ton. 13.00 - —
52°, dms., c.l., works..100 lbs. 1.40 - —
l.c.l., works.....100 lbs. 1.65 - 1.80
tanks, works.....ton. 25.00 - —
Silicofluoride,[6] bbls., c.l., works. lb. .06½- .07
l.c.l., same basis.....lb. .08 - .12
Stannate, dms., works, frt. alld. E..lb. .32½- .36½
Stearate, bbls., works.....lb. .19 - .24
Sulphate, NF, dried, powd., bbls..lb. .07 - .07½
tech., anhyd., bgs., bbls., c.l., works..100 lbs. 1.70 - 1.90
5 tons or more, works. 100 lbs. 1.95 - 2.15
less than 5 tons, works. 100 lbs. 2.20 - 2.40
cryst. (see Glauber's salt).
USP, cryst., gran., bbls..lb. .07 - .10
Sulphathiazole, m e n o hydrate, dms., 1,000-lb. lots..lb. 2.50 - —
500-lb. lots.....lb. 2.60 - —
smaller lots.....lb. 2.65 - 2.80
Sulphide, cryst., bbls., c.l., works..100 lbs. 2.40 - —
l.c.l., dlvd.....100 lbs. 2.90 - 3.15
solid, bbls., c.l., works..100 lbs. 3.15 - —
l.c.l., dlvd...wks..100 lbs. 3.65 - 3.90
Sulphite, bgs., c.l., works....lb. 2.10 - —
l.c.l., works.....lb. 2.35 - —
bbls., c.l., works.....lb. 2.30 - —
l.c.l., works.....lb. 2.55 - —
powd., bbls., c.l.....100 lbs. 5.25 - —
l.c.l. .....100 lbs. 5.50 - 6.00
Sulphocarbolate, USP IX, gran., bbls., dms..lb. .28 - .33
powd., bbls.....lb. .30 - .35
Sulphocyanide, CP, dms.....lb. .55 - .65
Sulphohydrate, liquid, 38%, basis 100%, dms., c.l., works..lb. .05½- —
l.c.l., works.....lb. .06 - .08
tanks, works.....lb. .04½- —
flake, 70-72%, dms., c.l., works..lb. .04½- —
l.c.l., works.....lb. .05 - —
Sulphoricinoleate, bbls.....lb. .12 - —
Thiosulphate (see Soda hyposulphite).
Tungstate,[6] tech., kgs.....lb. 1.35 - 1.50
Soda-formaldehyde sulphoxylate, stand cont. (125-250 lbs.)..lb. .19 - .22
Solvent naphtha,[6] dms., wks.gal. tanks, E. of Omaha, frt. alld. to 2c. per gal..gal. .31 - .32
Minnequa, Colo.....gal. .27 - —
high-flash, dms., works...gal. .32 - —
tanks, frt. alld. E. of Omaha. to 2c. per gal..gal. .27 - —
Sorbitol,[6] com'l, dms., works..lb. .17¾- —
Soybean meal,[1] 41%, Decatur, bulk, c.l..ton. 45.00 - —
Protein, alpha, bgs., 40,000-60,000 lbs., works..lb. .19 - —
100-40,000 lbs., works...lb. .19¼- .19½
less than 100 lbs., works. lb. .23 - —
Sparteine sulphate, bots., cns..oz. 1.80 - 1.90
Spearmint leaves, bls.....lb. .45 - .47
Spikenard root, bls.....lb. .35 - .37
Spruce extract, liq., reg., bbls., c.l., works..lb. .02½- —
tanks, works.....lb. .01½- —
pwd., super, bgs., c.l., wks.lb. .04½- —
Squawvine, bls..... No prices
Squill, red, powd.....lb. .85 - .88
White, bls.....lb. .14 - .16
powd., bbls., bxs.....lb. .18 - .19
St. Ignatius beans, bgs..... No stocks
St. John's bread, edible, bls...lb. .15 - .16
Starch, corn, pearl, bgs. 100 lbs. 4.08 - —
Chicago .....100 lbs. 3.72 - —
Starch, corn, powd., 100 lbs. 4.19 - —
Chicago ..... 100 lbs. 3.83 - —
Potato, bgs., c.l.....lb. .0637- —
l.c.l. .....lb. .0712- —
Rice, bgs., c.l.....lb. No stocks
Sweetpotato, bgs.....lb. No stocks
Wheat, thick boil, bgs.....lb. .05 - —
Starch iodide, bots.....lb. 1.87 - —
Stearin, oleo (see Oleostearin).
Stillingia root, bls.....lb. No stocks
Stoneroot, bls.....lb. .07½- .08
Storax, cs.....lb. 1.25 - 1.50
Stramonium leaves, bgs.....lb. .22 - .23
Seed, bgs.....lb. .20 - .21
Strontium bromide, cns., dms..lb. .53 - .55
Carbonate, 90%, bbls.....lb. .14 - .16
98%, bbls.....lb. .23 - .25
Chloride, tech., bbls.....lb. .22 - .24
Chromate, bbls., kgs., Phila..lb. .35 - .37
Iodide, bots.....lb. 3.06 - 3.15
jars, 25 lbs.....lb. 3.00 - —
Lactate, dms.....lb. 1.30 - 1.35
Nitrate, bbls., c.l., works....lb. .07¾- —
l.c.l., works.....lb. .08¼- .08¾
Oxalate, bbls.....lb. .37¼- —
Salicylate, NF, dms.....lb. 1.10 - 1.13
Sulphate, nat., 92% min., air-floated, 300 mesh, c.l., works..ton. 52.00 - —
l.c.l., works.....ton. 54.00 - —

Strontium-calcium sulphide, phosphorescent, dms., works..lb. 2.50 - 2.85
Strophanthin, bots.....oz. 30.00 - 57.00
Strophanthus seed, Komba, bgs. lb. 2.65 - 2.70
Styrolyl acetate, bots.....lb. 2.50 - 3.10
Strychnine, NF, cryst., cns., 100 ozs..oz. .70 - —
powd., cns., 100 ozs.....oz. .60 - —
Acetate, cns., 100 ozs.....oz. .88 - —
Arsenate, cns., 100 ozs.....oz. .91 - —
Arsenite, cns., 100 ozs.....oz. .88 - —
Glycerophosphate, cns., 100 ozs. oz. .89 - —
Hydrochloride, cns., 100 ozs..oz. .88 - —
Hypophosphite, 25-oz. cns., 100 ozs..oz. 1.00 - —
Nitrate, NF, 100 ozs.....oz. .82 - —
Phosphate, NF, 100 ozs.....oz. .89 - —
Sulphate, cryst., cns., 100 ozs. oz. .58 - —
powd., c..s., 100 ozs.....oz. .48 - —
Sucrose octa-acetate, denat., bbls., l.c.l., works..lb. .45 - —
tech., bbls., l.c.l., works..lb. .40 - —
Sugar coloring (see Caramel coloring).
Sugar of milk (see Milk sugar).
Sulphadiazin, 100-lb. dms.....lb. 9.00 - —
Sulphaguanidin, 100-lb. dms...lb. 5.50 - —
Sulphanilamide, bots.....lb. 1.35 - —
flb. dms.....lb. .90 - 1.00
Sulphapyridin, powd., bots., tins. lb. 5.00 - 5.30
Sulphathiazole, dms., 1,000-lb. lots..lb. 2.50 - —
500-lb. lots.....lb. 2.60 - —
smaller lots.....lb. 2.65 - 2.80
Sesquihydrate, prices same as sulphathiazole.
Sulphonethylmethane, kgs...lb. 6.75 - 6.85
Sulphonmethane, kgs.....lb. 5.25 - 5.35
Sulphur, crude, c.l., bulk, mines, contracts..long ton. 16.00 - —
f.o.b. vessels, Gulf ports, contract..long ton. 17.50 - —
flour, comm'l, 99½%, bgs., l.c.l., works..100 lbs. 1.65 - —
l.c.l., works.....100 lbs. 2.00 - 2.15
precipitated, USP, bbls., kgs. lb. .18 - .30
refined, flour, extra fine, bgs., c.l., works..100 lbs. 2.90 - —
100 lbs. 2.90 - —
l.c.l., works.....100 lbs. 3.25 - 3.40
heavy, bgs., c.l., works... 100 lbs. 2.60 - —
l.c.l., works.....100 lbs. 2.95 - 3.10
light, bgs., c.l., works..... 100 lbs. 2.70 - —
l.c.l., works.....100 lbs. 3.05 - 3.20
Refined sulphur in bbls., 35c. higher.
USP, bgs., c.l., works.. 100 lbs. 3.05 - —
l.c.l., works.....100 lbs. 3.40 - 3.55
rock, bbls., c.l., works..100 lbs. 2.20 - —
l.c.l., works.....100 lbs. 2.55 - 2.70
roll, bbls., c.l., works..100 lbs. 2.40 - —
l.c.l., works.....100 lbs. 2.75 - 2.90
Chloride, 55-gal. dms., c.l., works..lb. .03 - .03½
l.c.l., works.....lb. .04 - .04½
10-gal. dms., c.l., works...lb. .07 - .07½
l.c.l. .....lb. .08 - .08½
Dioxide, liquid, commi. cyls., works..lb. .07 - .08
multi-unit cars, works..lb. .04*- .06
tanks, works.....lb. .04 - —
refrigeration, cyls., works, lb. .18 - .21
multi-unit cars, works..lb. .04½- .06
Iodide, bots., jars.....lb. 3.90 - 4.11
Sumac extract, No. 1, bbls....lb. .08 - —
No. 2, bbls.....lb. .07 - —
stainless, bbls.....lb. .09 - .11
Superphosphate,[1] pulverized, run-of-pile, under 22% a.p.a., bulk, production points, Balto..unit-ton. .65 - —
Florida .....unit-ton. .51 - .54
others .....unit-ton. .57 - .84
Delivery points, Ariz., Calif., Colo., Ida., Kans., Nev., N. M., Ore., Utah, Wash., 88½c. per unit-ton plus frt. charge from Anaconda, Mont., in excess of $8.03 per ton.
Superphosphate,[1] gran., 2c. per unit-ton higher than pulverized; guaranteed 18%, 19% or 20% a.p.a., ½c. per unit-ton higher. triple, 40% and more a.p.a., bulk, producing points, Florida. unit-ton. .63 - —
South Carolina..unit-ton. .70 - —
Tennessee .....unit-ton. .75 - —
Other States and D.C., 62c. per unit-ton plus frt. charge for 48% from E. Tampa, Fla.

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Talc, dom., aluminum-flake type, grd., bgs., c.l., works. ton. 14.50 - 24.50
l.c.l., works.....ton. 16.50 - 30.00
Calif., bgs., c.l., works..ton. 17.50 - 43.00
fibrous, grd., coarse, off-color, New York, bgs., c.l., works..ton. 13.00 - —
fine, New York, 325 mesh, 93-94%, bgs., c.l., works..ton. 13.00 - 18.00
98 - 99.5%, bgs., c.l., works..ton. 15.25 - 19.25
99.85-99.95%, bgs., c.l., works..ton. 17.00 - 21.00
Pennsylvania, bgs., c.l., works..ton. 11.00 13.50
l.c.l., works.....ton. 12.00 14.50
Vermont, bgs., c.l., works ton. 14.00 - —
l.c.l., works.....ton. 15.00 - —
imp., Canada, bgs., c.l.....ton. 24.00 - 30.00
Tallow,[1,5] edible, tanks.....lb. .09⅞- —
inedible, extra, loose.....lb. .08⅝- —
special, loose.....lb. .08½- —
sulphonated, 35% (24% fat), dms., c.l..lb. .05⅝- —
50% (43% fat), dms., c.l...lb. .06½- —
50% (48% fat), dms., c.l...lb. .07⅜- —
Tallow, sulphonated, l.c.l., 1c. higher.
Tamarind, bbls.....lb. .14 - .15
Tankage,[1] animal, feed, 9-11% ammon., bulk..unit-ton. 5.53 - —
Chicago .....unit-ton. 5.53 - —
fert. grd., 9% ammon., 10% b.p.l., bulk..unit-ton. 4.00 & .10
10-11% ammon., 15% b.p.l., bulk, Chicago..unit-ton. 4.00 & .10
Tapioca flour,[1,5] Brasil, bgs...lb. .06½- .07⅛
Java, bgs.....lb. No stocks
Tar acid oil,[2,6] 15-18%, dms., c.l., works..gal. .26½- .27½
l.c.l., works.....gal. .28½- .29⅝
25%, dms., c.l., works..gal. .30 - .31¼
l.c.l., works.....lb. .32 - .33⅛
Pine, retort, dms., c.l., dlvd. East..gal. .32⅜- —
l.c.l., works.....(gal. .29⅜- —
tanks, dlvd. East.....gal. .27 - —
Tara, powd.....ton. 125.00 - —
Tarragon herb, bgs.....lb. 1.50 - 1.70
Tartar emetic, tech., gran. or powd., bbls., kgs..lb. .47¾- .48
dms.....lb. .48½- .51
USP, powd., bbls., dms., kgs. lb. .52¾- .58
Terpin hydrate, com'l, bbls., c.l. lb. .75 - .80
l.c.l. .....lb. .25 - .25½
USP, cryst., bbls., dms..lb. .70 - .75
powd., bbls., dms.....lb. .75 - .80
Terpineol, alpha (see A).
Com'l, dms., c.l., South.....lb. .13½- —
l.c.l., South.....lb. .14 - —
tanks, South.....lb. .13 - —
pure, dms.....lb. .35 - .50
Terpinyl acetate, extra cns., dms..lb. .90 - 1.15
prime, cns., dms.....lb. .75 - 1.05
Terpinglycol ether, dms. (extra), c.l., works..lb. .19½- —
l.c.l., works.....lb. .20 - —
tanks, works.....lb. .19 - —
Terra alba (see Gypsum).
Tetrachloroethane, dms., wks.lb. .08 - .08½
Tetrachlorethylene, N.F., VI, 55-gal. dms., works..lb. .20 - .21½
smaller dms., works.....lb. .23½- .25½
tech. (see Perchloroethylene).
Tetrallin, dms.....lb. .19 - —
Tetrasodium pyrophosphate (see Soda pyrophosphate).
Thallium sulphate, 99%, bots., works..lb. 12.50 - —
Theobromine,[1,6] makers, primary distrib., dms., 25-lb. lots..lb. 2.80 - —
smaller lots.....lb. 2.90 - 3.00
Thiamine hydrochloride,[6] bots., dms., 100 grams..kilo. 180.00 - —
Thiocarbanilide, dms.....lb. .24 - —
Thiourea, CP, dms.....lb. .55 - .56
Thorium nitrate, cs., works....lb. 2.00 - —
Thyme,[1] Spanish, bls.....lb. .18½- .19
Thymol, cns.....lb. 2.40 - 2.75
Iodide, bots.....lb. 3.88 - 4.19
dms.....lb. 3.40 - 3.80
Tikitiki (see Rice bran).
Timbo root,[2,5] (see Cube root).
Tin chloride,[6] anhydrous.....lb. No stocks
Crystals,[6] bbls., bgs.....lb. No stocks
Metal,[1,6] Straits.....lb. .52 - —
Oxide,[6] bbls.....lb. .55 - —
Tetrachloride,[6] anhyd., dms., works..lb. .31 - .33
Titanium dioxide,[1,5] chalk resistant, bgs., c.l., dlvd..lb. .15 - —
l.c.l., 5 tons one deliv., dlvd..lb. .15¼- —
smaller lots, dlvd.....lb. .15½- .15⅝
nonchalking,[1,5] bgs., c.l., dlvd. E..lb. .16½- —
l.c.l., 5 tons one deliv., dlvd..lb. .16⅝- —
smaller lots dlvd.....lb. .17 - .17⅛
plain,[6] bgs., c.l., dlvd.....lb. .14½- —
l.c.l., 5 tons one delivery, dlvd..lb. .14⅝- —
smaller lots, dlvd.....lb. .15 - .15⅛
Hydride, cns., works.....lb. 7.00 - 8.00
Pigment, barium base,[1,5] bgs., c.l., dlvd..lb. .05⅝- —
l.c.l., dlvd.....lb. .06 - —
calcium base,[1,5] bgs., c.l., dlvd..lb. .05½- —
l.c.l., dlvd.....lb. .05⅝- —
calcium-rutile base,[1,6] bgs., c.l., dlvd..lb. .05½- —
l.c.l., dlvd.....lb. .05⅝- —
magnesium base,[1,5] bgs., c.l., dlvd..lb. .05⅝- —
l.c.l., dlvd.....lb. .06 - —
Titanium dioxide and pigment in bbls.¼c. higher; Pac. cst., ¼c. higher, c.l., dlvd., l.c.l., ex whse.
Tetrachloride, CP, dms., works, 55-gal..lb. .57 - —
smaller pkgs., works.....lb. .65 - 1.22
technical, 55-gal. dms., works. lb. .32 - —
smaller pkgs., works....lb. .40 - 1.00
Tolu balsam, cns.....lb. .80 - .82
Toluene (see Toluol).
Toluidin base, distilled, kgs...lb. .96 - —
mixed, dms.....lb. .26 - —
Toluol[6] (toluene), 2° indus., dms., return, works..gal. .33 - —
tanks, E. of Omaha, frt. alld. to 2c. per gal..gal. .28 - —
West, Minnequa, Colo.gal. .28 - —
1° nitration, dms., return, works..gal. .34½- —
tanks, E. of Omaha, frt. alld. to 2c. per gal..gal. .29½- —
West, Minnequa, Colo.gal. .29½- —
Tonga, 50% bark and vine, bbls.lb. .90 - .95
Tonka beans, Angostura, cks..lb. 2.50 - 2.80
Brazilian, Surinam, cs.....lb. .80 - .85
Totaquine,[1,6] USP XII, 100 ozs., oz. .52 - —
Triacetin, dms., works.....lb. .32 - —
Triamyl borate, dms., works...lb. .33 - —
Triamylamine, dms., c.l., works. lb. .98 - —
l.c.l. .....lb. 1.01 - —
Tributyl citrate, 475-lb. dms..lb. .20 - .31
smaller pkgs.....lb. .34 - .40
Phosphate, dms., l.c.l., dlvd..lb. .47 - —
cns., works.....lb. .51 - —
Tributylamine, dms., c.l., works. lb. .78 - —
l.c.l. .....lb. .81 - —
Trichlorobenzene, dms., c.l., frt. alld..lb. .08 - —
l.c.l., same basis.....lb. .08½- —
tanks .....lb. .07½- —
Trichloroethylene,[6] d m s., c.l., works, frt. alld. Zone 1..lb. .08 - —
Zone 2, same basis...lb. .08½- —
Zone 3, same basis.....lb. .09 - —
Zone 4, ex whse.....lb. .09 - —
Trichloroethylene l.c.l. prices, ½c. higher. Zones are:—(1) Conn., Del., Ill., Ind., Ia., Ky., Me., Md., Mass., Mich., Minn., Mo., N. J., N. Y., N. C., Ohio, Pa., R. I., Tenn., Vt., Va., W. Va., Wis., Omaha, K. C., Kan.; (2) Ala., Ark., Fla., Ga., Kan. La., Miss., Neb., N. D., Okla., S. C., S. D.; (3) Col., Mont. (E), N. M., Tex., Wyo.; (4) Ariz., Cal., Idaho, Mont. (W), Nev., Ore., Utah, Wash.
Tricresyl phosphate,[6] CP, cns., works..lb. .43½- .54½
dms., c.l., dlvd.....lb. .37½- —
l.c.l., dlvd.....lb. .40½- —
tech., cns., works.....lb. .28½- .45½
dms., c.l., dlvd.....lb. .25 - .31
l.c.l., dlvd.....lb. .26½- .31⅛
tanks, dlvd.....lb. .24 - .30
Triethanolamine,[6] d m s., c. l., frt. alld. in E..lb. .19½- —
l.c.l., same basis.....lb. .20½- —
tanks, same basis.....lb. .18½- —
Triethyl phosphate, cns.....lb. .46 - —
Triethylamine, dms., works....lb. 1.16 - —
Triethyleneglycol,[6] dms., c.l., frt. alld. in E..lb. .18½- —
l.c.l., same basis.....lb. .19½- —
tanks, same basis.....lb. .17½- —
Trimethylamine, dms., c.l., dlvd., lb. .85 - —
l.c.l., dlvd.....lb. .90 - —
Triphenyl phosphate,[2] bbls....lb. .31 - .32
Tripoli, air-floated, bgs., c.l., works..ton. 21.50 - —
double grd., bgs., c.l., works. ton. 17.50 - —
once-grd., bgs., c.l., works..ton. 16.00 - —
Trisodium phosphate (see Soda phosphate, tribasic).
Tuba root,[2,6] (see Derris root).
Tungsten metal, powd.,[2] 99-99.7%, dms., works..lb. 2.60 - 5.40
Oxide, kgs.....lb. No prices
Turmeric root, Aleppey, bgs...lb. .12 - .12½
Madras, bgs.....lb. .12 Nom.
Turpentine, gum, dms.....gal. .86 - .86½
sulphate-wood, dms., c.l....gal. .65 - .75
tanks .....gal. .57 - .67
wood, d.d., dms., East.....gal. .65 - .70
tanks .....gal. .60 - —
steam-dist.,[5] ret. dms.....gal. .80 - .83
tanks .....gal. .74 - .75

U

Unicorn root, false (see Helonias root).
True (see Aletris root).
Uranium oxide, black, bgs....lb. 2.55 - —
yellow, kgs.....lb. 1.65 - —
Urea, dom., 46% N., bgs., c.l., works or ship. pts..ton. 75.00 - —
l.c.l., ship. pts.....ton. 77.50 - 85.00
import, pure, cs.....lb. .12 - —
Fertilizer comp., 42% N., bulk, c.l., works or A. or G. ports. ton. 57.40 - —
Urea-ammonia liquor (A and B), free ammonia content, f.o.b. Belle, W. Va., freight equalized with Hopewell, Va..ton. 59.00 - —
Fixed ammonia content, f.o.b. Belle, W. Va., freight equalized with Hopewell, Va., NH_3 ton. 112.80 - —
or f.o.b. usual Atl. and Gulf ports..NH_3 ton. 116.80 - —
C and D prices are $1.20 per ton of nitrogen higher than the A and B respectively for the same destinations.
Uva ursi leaves, bls.....lb. .22 - .23

V

Valerian root, NF, bls.....lb. .65 - .70
Valonia, beards, bgs., f.a.s...ton. No prices
Cups, bgs., f.a.s.....ton. No prices
Vanadium pentoxide, CP, bgs., cns., works..lb. 7.00 - —
tech., dms., works.....lb. 1.10 - —
Vanilla beans,[1] Bourbon, tins..lb. 9.00 - 9.50
Mexican, cuts, tins.....lb. 7.50 - 8.00
whole, tins.....lb. 9.00 - 9.50
Tahiti, white label, tins...lb. 3.50 - 3.75
yellow label, tins.....lb. 3.25 - 3.50
West Indian, tins..... No stocks
Vanillin,[1] makers, primary distrib., tins, ex eugenol, 25 lbs. or more..lb. 2.60 - —
smaller lots.....lb. 2.65 - 2.75
ex guaiacol or lignin, tins, 25 lbs. or more..lb. 2.35 - —
smaller lots.....lb. 2.40 - 2.50
Venice turpentine, artif., cns..lb. .24 - .25
Verdigris, bbls., bgs.....lb. .22 - .23
Vinyl acetate,[6] cpys., works...lb. .25 - —
dms., c.l., works.....lb. .15 - —
l.c.l., works.....lb. .16 - —
smaller pkgs., works....lb. .25 - —
Ether, 75 c.c., less 20% and 20%..bot. 1.50 - —
50 c.c., same basis...bot. 1.05 - —
25 c.c., same basis....bot. .65 - —
Vinylpyridin, ret. dms., works..lb. 1.50 - —
Viosterol (irradiated ergosterol), mil. units. .10 - .14
Vitamin A (see Oils, codliver, halibut-liver).
B_1 (see Thiamine hydrochloride).
B_2 (see Riboflavin).
B complex, natural (see Rice bran and Yeast).
C (see Acid, ascorbic).
D (see Oils, codliver, halibut-liver, viosterol).
E (see Alpra tocopherol).
G (see Riboflavin).
P-P (see Acid, nicotinic, and Nicotinamide).
Violet, methyl, toner (see M).
V.M.P. naphtha (see Petroleum, naphtha, v.m.p.).

W

Wahoo, root bark, bls.....lb. .45 - .55
Wattlebark, E. Afr., bgs., f.a.s., based on freight $11.70, insurance $1 per ton. Difference for buyers' account... ton. 50.00 - —
Wattlebark, So. Afr., bgs., f.a.s., based on freight $11.70, insurance $1 per ton. Difference for buyers' account.. per ton. 50.00 - 55.00
extract liquid, 35% tannin, bbls., works..lb. .05 - .06
tanks .....lb. .0450- .05
solid, So. Afr., 62% tannin, ex dock..lb. .0535- .0560
E. Afr., 61% tannin, ex dock, lb. .05225- .05475
Wax, amorphous, 160°-165° m.p., amber, ctns., 30 tons yearly, contract, group 3, works..lb. .14½- —
smaller lots.....lb. .14½- .15¼
black, ctns., 30 tons, same basis..lb. .12¾- —
smaller lots.....lb. .13 - .13¾
white, ctns., 30 tons, same basis..lb. .24¾- —
smaller lots.....lb. .25 - .25¾
180°-185° m.p., amber, ctns., 30 tons, same basis..lb. .16¼- —
smaller lots.....lb. .16½- .17¼
black, ctns., 30 tons, same basis..lb. .14¾- —
smaller lots.....lb. .15 - .15¾
white, ctns., 30 tons, same basis..lb. .28¾- —
Bayberry, bgs..... No stocks
Bees,[1] bleached, USP, white, bricks, bgs., ton..lb. .58 - —
discs or cakes, bgs., ton, lb. .60 - —
ctns., ton.....lb. .58½- .60½
slabs, bgs., ton.....lb. .52½- —
yellow, crude, African, bgs., ton..lb. .37½- —
Cent. or So. Amer., sun-bleachable, bgs., ton..lb. .44¾- —
unbleachable, bgs., ton, lb. .41½- —
ref'd, USP, bricks, bgs., ton, lb. .53⅛- —
disc., bgs., tons.....lb. .55½- —
ctns., ton.....lb. .56½- .58⅛
rounds or squares, bgs., ton..lb. .57½- —
ctns., ton.....lb. .61 - .63
slabs, bgs., ton.....lb. .57 - —
Candelilla,[1] crude, bgs., ton..lb. .34½- —
smaller lots.....lb. .35½- .44½
Candelilla, powdered, 20 mesh, 5c. per lb. extra; 80 mesh, 5½c.; 100-200 mesh, 6c.
refined, bgs., ton.....lb. .44 - —
smaller lots.....lb. .45 - .54
extra-bolted, bgs., c.l..ton. 22.00 - 26.00
l.c.l. .....ton. 23.00 - 27.00
Paris white, bgs., c.l..ton. 24.00 - 28.00
Carnauba,[1] chalky, No. 3, bgs., ton. .71½- —
smaller lots.....lb. .72½- .81½
North Country No. 2, bgs., ton. .75⅝- —
smaller lots.....lb. .76⅞- .85⅝
No. 3, bgs., ton.....lb. .73½- —
smaller lots.....lb. .74½- .83½
refined, bgs., ton.....lb. .76⅝- .80
smaller lots.....lb. .77⅞- .90
yellow, No. 1, bgs., ton.....lb. .83½- —
smaller lots.....lb. .84½- .93½
No. 2, bgs., ton.....lb. .81¾- —
smaller lots.....lb. .82½- .91½
No. 3, bgs., ton.....lb. .79 - —
smaller lots.....lb. .80 - .89

Wax, carnauba, powdered (same differentials as candelilla).
Ceresin, dom., 138°-140° m.p., bgs., ton..lb. .13½- .14
jobbing lots.....lb. .14½- .15
150°-160° m.p., bgs., 1 ton, lb. .15½- .16
jobbing lots.....lb. .16½- .17
160°-170° m.p., bgs., 1 ton, lb. .16½- .17
jobbing lots.....lb. .17½- .18
Japan, cs.....lb. No stocks
Montan, bgs.....lb. No stocks
Ouricury,[1] bgs., ton.....lb. .49½- .51¾
smaller lots.....lb. .50½- .61¾
Ouricury,[1] bgs., ton.....lb. .49½- .61¾
refined, bgs., ton.....lb. .62 - —
smaller lots.....lb. .63 - .72
powdered ouricury prices same as candelilla.
Paraffin (see under P).
Spermaceti, blocks, cs.....lb. .26 - .27
cakes, cs.....lb. .27 - .28
White lead (see Lead, white).
White pine bark, rossed, bls..lb. .15 - .16
White precipitate,[2] powd., dms., 50 lbs. or more..lb. 1.98 - —
Whiting, chalk, dry-grd., bgs., c.l..ton.18.00 -22.00
l.c.l. .....ton.20.00 -24.00
wet-ground, bgs., c.l.....ton.21.00 -25.00
l.c.l. .....ton.25.00 -29.00
gilders, bolted, bgs., c.l.ton.20.00 -24.00
l.c.l. .....ton.21.00 -25.00
extra-bolted, bgs., c.l..ton.22.00 -26.00
l.c.l. .....ton.23.00 -27.00
Paris white, bgs., c.l., ton.24.00 -28.00
l.c.l. .....ton.25.00 -29.00
limestone, dry-grd., 325 mesh, bgs., 40 tons, N. E., works, ton. 6.00 - —
smaller lots, N.E., wks, ton. 7.00 - 9.00
wet-grd., air-floated, 300 mesh, 99¾%, bgs., c.l..ton. 9.35 -10.10
200 mesh, bgs., c.l.....ton. 8.60 - 9.50
90%, bgs., c.l.....ton. 6.25 - 7.00
water-floated, extra gilders, bgs., c.l..ton.13.00 - —
gilders, bgs., c.l.....ton.12.45 - —
putty grade, bgs., c.l..ton.12.00 - —
Precipitated, bgs., c.l.....ton.14.00 -15.00
l.c.l. .....ton.18.00 -20.00
Wild cherry bark, thick, bls..lb. .06 - .07
thin, bls.....lb. .18 - .19
rossed, green, bls.....lb. .23 - .24
Wild indigo root, bls.....lb. .18 - .19
Witch-hazel extract, dist., NF, bbls..gal. .70 - .75
Leaves, bls.....lb. .10 - .12
Witherite (see Barium carbonate, natural).
Woodflour, 40 mesh, bulk, c.l., N. Tonawanda, N.Y..ton.20.00 - —
60 mesh, same basis.....ton.24.00 - —
80 mesh, same basis.....ton.27.00 - —
100 mesh, same basis.....ton.30.00 -32.00
Woodflour, in bags, 25c. each extra, returnable.
Wormseed, American, bgs.....lb. .20 - .23
Levant .....lb. 6.50 - —
Wormwood, bls.....lb. .50 Nom.

X

Xylene (see Xylol).
Xylol[6] (xylene), indus., dms. return., works..gal. .32 - —
tanks, E. of Omaha, frt. alld. to 2c. per gal..gal. .27 - —
West, Minnequa, Col....gal. .27 - —
Xylol, 10°, dms., return, works, gal. .35 - —
tanks, E. of Omaha, frt. alld. to 2c. per gal..gal. .30 - —
5°, dms., return, works....gal. .42 - —
tanks, E. of Omaha, frt. alld. to 2c. per gal..gal. .37 - —
3°, dms, return, works....gal. .47 - —
tanks, E. of Omaha, frt. alld. to 2c. per gal..gal. .42 - —
Xylol petroleum solvent, ret. dms., Nr., N. J.....gal. .26 - —
Xylidin, mixed, dms.....lb. .35 - .36

Y

Yara yara, cryst., bots., cns....lb. 1.75 - 2.20
Yeast, brewer's, dry, 50 B units, dms..lb. .35 - —
90 B units, dms.....lb. .45 - —
200 B units, dms.....lb. .50 - —
300 B units, dms.....lb. .60 - —
Yellow, benzidin, bbls., dlvd...lb. 1.35 - 2.25
Cadmium, CP, import, bxs...lb. 1.35 - 1.40
Chrome CP, bbls., dlvd. N. of Tenn. and N. C., E. of Miss. R., includ. Leavenport, Minneapolis, Rock Island, St. Louis, St. Paul, contracts, lb. .16 - —
Chrome yellow prices are ¼c. higher, dlvd. Ala., Fla., Ga., La. (Shreveport, 1¼c.), Miss., N. C., S. C., Tenn., Tex. (Dallas, 1¼c.; Ft. Worth, 1½c.; El Paso, 2c.), Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph, 1.6c. higher dlvd. Pac. Coast; for Denver, Pueblo, Salt Lake City, Wichita, prices are equalized with Chicago.
Dutch, pink, bbls.....lb. .08 - .11
Hansa, bbls., same basis as chrome..lb. 1.37 - —
primrose, bbls., same basis..lb. 1.75 - —
Lithopone, bbls., ton lots, E. of Rockies..lb. .55 - —
smaller lots, same basis..lb. .65 - —
Sulphide, orange, cs., kgs., works..lb. 1.10 Nom.
Mercury oxide, bbls., 1,000 lbs. lb. 1.83 - —
smaller lots.....lb. 1.85 - —
Ocher, American, golden, bbls., works..lb. 04½- .06¼
yellow, bbls., works.....lb. .02 - .02¼
French type, bbls., c.l....lb. .0345- —
l.c.l. .....lb. .0365- —
Oxide, nat., bbls., c.l., f.o.b. Bethlehem, Easton, Pa...lb. .04½- —
l.c.l., same basis.....lb. .05 - —
synth., bbls., c.l., works...lb. .07 - —
l.c.l., works.....lb. .071 - —
Persian orange (see O).
Zinc,[6] bbls., same basis as chrome..lb. .15 - —
Navy spec. type, bbls., contracts..lb. .15 - —
Yellow dock root, bls.....lb. .38 - .40
Yellow root (xanthorhiza), bls..lb. .18 - .20
Yerba santa leaves, bls.....lb. .24 - .25
Yohimbine hydrochloride, vis..oz. 3.00 - 5.75

Z

Zein, bgs., 1,000 lbs., works..lb. .25 - —
smaller lots, works.....lb. .30 - —
Zinc acetate, tech., bbls., dlvd.lb. .16 - .17
USP, bbls., 250 lbs.....lb. .26 - .27
kgs., 100 lbs.....lb. .29 - —
Arsenite,[1] bgs., c.l., frt. alld. E. of Rockies..lb. .11¾- .13¼
l.c.l., same basis.....lb. .12¼- .13¾
Borate, bgs., c.l.....lb. .12 - —
l.c.l. .....lb. .12½- —
Carbonate, tech., bbls.....lb. .14 - .20
USP, precip., powd., bbls..lb. .35 - —
dms. .....lb. .40 - —
kgs. .....lb. .37 - —

Zinc chloride, tech., fused, dms., c.l., works..100 lbs. 5.00 - —
l.c.l., works.....100 lbs. 5.35 - —
grand., dms., c.l., works.... 100 lbs. 5.75 - —
l.c.l., works.....100 lbs. 6.50 - —
USP, dms.....lb. .30 - .31
jars .....lb. .35 - .36
solution, 50%, dms., c.l., works lb. .0315- —
l.c.l., works.....lb. .04¼- .04⅜
tanks, works.....lb. .0250- —
Chromate (see Yellow, Zinc).
Cyanide, kgs., works.....lb. .33 - .37
Dust,[6] bbls., c.l., dlvd.....lb. .1035- —
l.c.l., works.....lb. .1135- —
Fluoride, bbls.....lb. .25 - .30
Iodide, NF, bots.....lb. 4.54 - —
jars .....lb. 4.40 - —
Metal,[1,6,5] (quotations in Paint Market report).
Naphthenate, 8%-10% Zn, 50-gal. dms..lb. .16 - .19¼
Laurate, bbls.....lb. .32 - .33
Oxide, pigment, dom., acicular,[6] bgs., c.l., dlvd..lb. .07¼- —
l.c.l., dlvd.....lb. .07½- —
American process, com'l, lead free,[6] bgs., c.l., dlvd..lb. .07¼- —
l.c.l., dlvd.....lb. .07½- —
leaded, 5%, bgs., c.l., dlvd. lb. .07¼- —
l.c.l., dlvd.....lb. .07⅝- —
35% or more, bgs., c.l., dlvd..lb. .07 - —
l.c.l., dlvd.....lb. .07¼- —
French process, com'l, lead free,[6] bgs., c.l., dlvd...lb. .07¼- —
l.c.l., dlvd.....lb. .07½- —
green seal, bgs., c.l., dlvd., lb. .09 - —
l.c.l., dlvd.....lb. .09¾- —
red seal, bgs., c.l., dlvd.lb. .08½- —
l.c.l., dlvd.....lb. .08¾- —

Zinc oxide, pigment, French process, white seal, bgs., c.l., dlvd..lb. .09½- —
l.c.l., dlvd.....lb. .09¾- —
USP,[6] 50-lb. ctns., c.l.....lb. .10½- —
l.c.l. .....lb. .10¾- —
Zinc oxide in bbls., ¼c. higher; Pac. cst., c.l., dlvd., and l.c.l. ex whse., ½c. higher.
Resinate, 8.7% Zn, 100-lb. dms. lb. .14½- —
fused, pale, bbls.....lb. .11 - .12
precipitated, dms., dlvd....lb. .15 - —
Silicofluoride, bbls.....lb. .15 - .18
Stearate, tech., ctns., c.l., frt. equald..lb. .29 - —
ton lots, frt. equald...lb. .30 - —
smaller lots, frt. equald.lb. .31 - —
USP (same prices as tech.).
Sulphate, cryst., bgs., c.l..... 100 lbs. 3.60 - —
l.c.l. .....100 lbs. 4.35 - —
flake, bgs., c.l.....100 lbs. 4.10 - —
l.c.l. .....100 lbs. 4.85 - —
powd., bgs., c.l.....100 lbs. 5.80 - —
l.c.l. .....100 lbs. 6.55 - —
Zinc sulphate in bbls., 25c. higher.
Sulphide,[1,5] pure, bgs., c.l., dlvd..lb. .08¼- —
l.c.l., dlvd.....lb. .08¼- —
bbls., c.l., dlvd.....lb. .08½- —
l.c.l., dlvd.....lb. .08⅝- —
barium pigment, bgs., c.l., dlvd..lb. .0560- —
l.c.l., dlvd.....lb. .0585- —
calcium pigment, bgs., c.l., dlvd..lb. .0560- —
l.c.l., dlvd.....lb. .0585- —
fluorescent, pigment, works, frt. alld..lb. .90 - 1.00
magnesium pigment, bgs., c.l., dlvd..lb. .05⅝- —
l.c.l., dlvd.....lb. .06 - —
Zinc sulphide on Pac. cst. ¼c. higher for pure, ½c. for others.
Sulphocarbolate, NF, bbls., dms., lb. .28 - .31
Tallate, 5% Zn, 50-gal. dms.lb. .09⅝- —
Yellow (see Yellow, zinc).

Zinc-ammonia chloride, dms., c.l., works..100 lbs. 5.65 - —
l.c.l., works.....100 lbs. 6.70 - —
Zinc-cadmium sulphide, fluorescent, works, frt. alld..lb. 2.50 - 2.85
Zinc-iron oxide pigment, bgs., c.l., dlvd..lb. .06 - —
l.c.l., dlvd. E. of Rockies. lb. .06¼- —
dlvd. Pac. cst.....lb. .06½- —
Zirconium hydride, cns., works. lb. 7.00 - 8.00
Nitrate, kgs., works.....lb. 3.00 - 4.00
Oxide, crude, 70-75%, grd., bbls., works..ton.75.00 -100.00
white, 98%, grd., kgs., works. lb. 1.80 - 2.00
ex whse., Pac. cst....lb. .07 - —

Synthetic Resins

The customary monthly listing of prices for synthetic resins and other branded paint materials was printed in OPD for July 3.

Corporation Earnings

Climax Molybdenum Company

	1944	1943
3 months, June 30.....	$1,685,492	$2,458,684
Per share.....	.67	.97

Commercial Solvents Corporation

3 months, June 30.....	594,968	568,695
Per share.....	.22	.21

Corn Products Refining Company

6 months, June 30.....	3,284,939	3,994,724
Per share.....	.96	1.24

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"And Freedom's banner streaming o'er us"

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Safeguarding Poisons

The Mayor of the City of New York has vetoed the Vogel bill which sought to make boric acid a poison. The Bloom bill of similar intent in Congress apparently has died of insufficient nourishment and parental neglect. But, the idea that the handling of hazardous substances should be surrounded with greater safeguards and foolproofings is growing in a number of authoritative places. And the movement for a more comprehensive Federal poisons law actually is going forward.

The Food and Drug Administration and the National Institute of Health have no concrete scheme of safeguarding the handling of poisons and what may be called "near-poisons," also substances that are dangerous in a variety of ways. The official attitude may be summed up as being that poison labels, red X's, yellow circles, and other suggested devices to instill caution all have merit—but each has a limited application; that there can be no general treatment of safeguarding poisons, various groups and various individual substances within groups requiring individual consideration; that concentrations, physical forms, and other factors must be given appropriate weight. There are, in truth, a hundred aspects to the question.

The matter is so big, as well as so important, that the Food and Drug Administration feels that it should be handled by the drug industry, in consultation with the medical profession and with the Federal agencies involved, in a united effort to apply the most practicable, as well as expert, ability to the determination of the scope of the law with regard to substances to be covered and to the identifying of these substances in respect of their relative hazards and of their forms and other aspects of their contact with the public.

The question of applying the law to other than ultimate consumer and dispensing packages also looms large. The safeguarding of the handling of industrial poisons is regarded by some as a wholly separate problem. Others feel that the line of demarcation between the industrial package and the use to which its contents may be applied is all too vague to be regarded as the basis of a different category.

It is advisable that the drug trade and chemical manufacturers take up earnest study of the construction of a Federal poison law. Somebody is going to do that job, and the experience with the Tugwell bill to amend the food and drugs act should be enough to convince the industries that they can do the job more easily, at least, by starting from scratch, rather than being forced to tinker up somebody else's handiwork. The National Drug Trade Conference conducted an extensive study of the determinating, categorying, and labeling of poisons and the like. Those data should be useful in the problem that impends. They should be used—and so should all the other resources of the industries involved. Social consciousness clearly so dictates.

—O-P-D—

Tax Thinking Progresses

A new idea in Federal tax systems has finally got into general circulation. It has been reported to the National Planning Association and published widely by that organization. Its originators, as a plan, are Beardsley Ruml and H. Christian Sonne, practical economists who have had something to say to Congress and the Treasury Department on the subject of taxation on several occasions.

The Ruml-Sonne plan would abolish corporation income taxes. It would abolish most of the Federal excise taxes, retaining the levies on alcohol, tobacco, and gasoline "to provide a deflationary anchor to windward." It condemns the general sales tax. And with respect to all its recommendations it follows closely, almost verbatim, commentaries in support of the same ideas which have appeared on the editorial page of *OPD* on many occasions during the past five years and more.

The Ruml-Sonne recommendations reiterate as *OPD* has said:—

A tax on corporation incomes, on any but individual incomes derived from the operation of a business, is a part of the cost of operation, and as such must and will be passed along, pyramiding, to the purchasing supporters of the business. This, then, is not a fair form of taxation. Its elimination necessitates the finding of a means of preventing evasions of individual income taxes through the misuse of surpluses or otherwise. Such safeguards can be provided. (August 21, 1939.)

The Ruml-Sonne plan on excises goes in the direction, but not to the distance, of *OPD*:—

Every Federal excise tax should be eliminated, even those on alcoholic beverages and tobacco products. These are all hidden taxes, and those on liquors and tobacco are that still more obnoxious form designed to effect social regulation. It may be argued that those who drink and those who smoke should pay for these "privileges." But, is taxation for any privilege justifiable under the constitutional guaranties of equal rights and freedom of choice? (August 21, 1939.)

The Ruml-Sonne comment on a general sales tax runs parallel to that often made in *OPD*, for example:—

. . . a general sales tax always hits hardest the taxpayer with the least income; for the very simple reason that he has to apply to somebody's selling to him every cent that he gets. A sales tax hits him 100 percent everywhere at once. The sales tax thus departs from the philosophy of consideration, which is inherent in most taxation, for ability to pay. It goes farther astray in this respect by making the married man pay about twice as much tax as his single brother and by adding more tax for every child for whom purchases must be made. The general sales tax is the most inequitable form in which taxation can be imposed; it raises to the *n*th degree the inequities of excises—which are plenty. (February 16, 1942.)

In respect of the basis of tax imposing the Ruml-Sonne recommendations are for a simple arithmetical calculation comprising national income and national needs. *OPD* has said:—

Some day Congress will arrive at the fundamentally equitable and practically simple tax-making formula that the national income is so much; the national revenue need is so much; and the latter is such a percentage of the former. On this basis it will construct a sliding scale of taxes on everybody's every dollar of gross income; drop all excises; and play fair and open all around. (August 18, 1941.)

The Ruml-Sonne idea on taxation is as good today as the *OPD* ideas have been over the past five years and more. It is sound. It is simple. It is practicable. It is equitable. It is open. All these are reasons why it will not find favor with politicians, both legislative and administrative. They are reasons why it should be backed by business. It is time that Federal taxation was brought into conformity with those characteristics.

—O-P-D—

Handling War's Surpluses

Whatever may be one's idea of the "specific gravity" of utterances of the Office of War Information, nobody can say that it is exaggerating when it says:—

Disposal of surplus war property, which is accruing at a rapid rate today because of terminated contracts and obsolescence, and which will develop in gigantic quantities when the European phase of the war ends, will be one of the major problems faced by the government in the transition from a war to a postwar economy.

To judge from the report on this subject which OWI issues today, the big problem is not being squarely faced by the government, but gets merely a squint from one side or the other here and there and now and then. The report shows too many undetermined policies still prevailing. As was opined herein last week, international agreements, according to OWI, have and will have a large part in this indefiniteness. Similar is the role of political expediency to be expected to loom large in both legislative determinations and administrative directives.

The Surplus War Products Administration is quoted again as to how there is little reason to believe that the $15,000,000,000 of surplus material will seriously disrupt the nation's economy. There is a speculative atmosphere about some parts of SWPA; pressure groups are already in action; and "seriously" is a relative term. There is a growing push for governmental funding of the job of converting warplants. OWI remarks:—

This question would seem to fall under two heads: . . . b. Where there is a probability, if not a certainty, that such plants after conversion may *have to be* [italics supplied] operated by the government, or with government subsidies.

The surplus disposal problem is not half so big for government as it is for business. And business, now looking at it from a thousand individual angles, must face it unitedly and solve it for government, as well as itself.

Another Star Has Been Added

THE men and women of Chas. Pfizer & Co., Inc. have achieved a signal honor by continuing their splendid production in such volume as to justify another renewal of their Army-Navy "E" Award in the form of a new pennant with two stars affixed. The management and employees have thus indicated their solid determination to support our fighting forces by supplying the materials which are necessary for ultimate victory.

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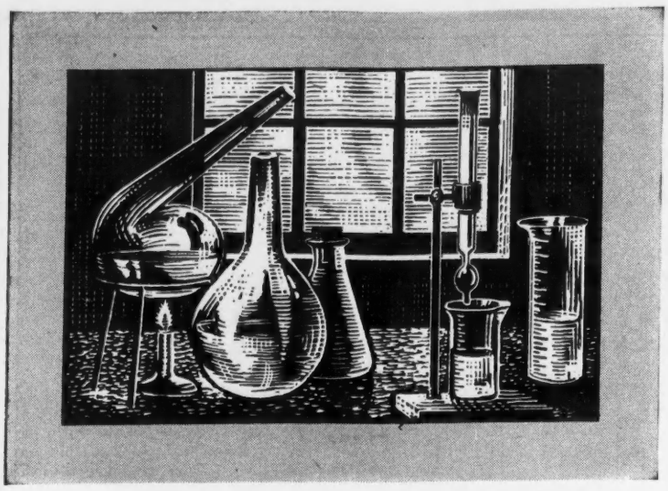

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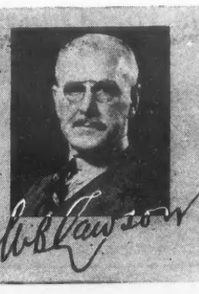

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Heavy Chemicals

Aside from the maintenance of heavy contract deliveries, there was considerable activity in seasonal chemicals, such as chlorine, calcium chloride and the chlorates. Demand for calcium chloride has been mounting all month and touched its peak level at the close. Weather conditions have favored the use of this material and the movement for dust control caused a substantial shrinkage in the big reserve stockpile. The situation this year differs from that of last in as much that there seems to be enough to meet the demand this season. Chlorine allocations for the third quarter were heavy in response to a broad demand. The amount allocated was slightly above the supply level. It looked as though producers would be able to meet chlorate allocations without much difficulty. The shipment position appeared to have improved in soda ash and soda caustic without revealing any easement in the market supply situation.

OPA announced that producers of chemical and drug commodities on which factory costs have risen to the point where such producers can no longer continue to produce and sell their products at prices frozen at March, 1942 levels, may apply for adjustment of ceiling prices for these products. This action will become effective August 3, 1944.

Production and distribution of gas cylinders, metal containers used for shipment of pressure charged gases, have been placed under general scheduling order M-293, WPB announced. The change is only administrative and the industry will continue to use the same forms as in the past and to operate under very similar procedure.

Paper production as a percentage of six-day capacity was 91.3 in the week ended July 22, according to the American Paper & Pulp Association. This compares with 91.1 in the previous week and 90.1 percent a year ago.

Ammoniac Sal.—Buying interest has broadened sufficiently to keep the market in a satisfactory state of activity. Demand was of general character with all major consuming industries represented.

Arsenic. — So far there has been enough material to meet war requirements and essential industrial uses. The outlook was not so favorable as production in 1945 was expected to decrease as a result of curtailed mining operations.

Calcium Chloride. — Demand has reached its peak for this material and to date requirements have been met without unusual difficulty. Continued hot dry weather has favored consumption as roadways have been very dusty and the heat has necessitated more repair work. Labor shortages have been felt at shipping units but the overall movement has passed along without much delay. While a severe dent has been placed in the reserve stockpile, it was felt that there will be enough material to meet requirements without causing any such disturbance as occurred a year ago at this time.

Chlorine. — If production can be maintained around its present level there should be no unusual shortage of this material. Allocations for the third quarter slightly exceeded the supply limit which indicates a relatively tight market. WPB is of the opinion that all essential industrial requirements can be covered as well as the amounts necessary for war production.

Copper.—Preliminary report on the copper bearing iron deposits of the Mount Andrew-Mamie area, Kasaan Peninsula, Prince of Wales Island, southeastern Alaska, has been prepared by the Geological Survey. The area contains some of the largest magnetite deposits in the region. Mimeographed copies of the report are available to those directly interested and may be obtained upon application to the director of Geological Survey, Washington, D. C.

Manganese Sulphate.—Demand continued in excess of the supply limit. Producers were behind contract schedules and the market showed no departure from its former tight position.

Phosphorus. — Elemental grade revealed slight easement in the supply position. The situation was reported tight with sufficient stocks to cover government requirements and satisfy essential industrial wants.

Potash Carbonate. — Production about equal to cover domestic wants without leaving any left over for export. While demand was of a miscellaneous character, it continued to mount throughout the past month bringing the market into a relatively tight condition at the close.

Potash Caustic.—Demand continued unusually heavy throughout the past month and available stocks have been kept at a relatively low level. The constant shrinkage of supplies was reflected in a gradual tightening of buying conditions.

Potash Chlorate. — While new producers have been granted by OPA specific prices for material ranging from $10.75 to $17.00 per 100 pounds, other producers have not been favored by any such revisions of their GMPR ceilings. In fact the oldest producer has been selling at and even below GMPR figures to the consuming trade since the price regulation program became effective—and still is.

Scheelite.—A short preliminary report with maps on some lode deposits of the tungsten mineral scheelite in the Nome area, Seward Peninsula, Alaska has been prepared by the Geological Survey. The deposits were examined by officials last year. Scheelite has been recovered incidental to gold-placer mining operations on many of the streams in this area. Mimeographed copies of the reports may be obtained by those directly interested by applying to the director of the Geological Survey, Washington, D. C.

Soda Ash.—Shipments showed some improvement and probably would have improved more if the labor situation was anything like normal. Consuming demand was still broad enough to tax the heavy production and the supply situation remained in the same tight condition.

Soda Caustic.—Demand from the petroleum, rayon and other consuming industries continued exceedingly heavy and although deliveries were made more promptly the supply situation revealed no signs of easement. The close of the month found a definitely tight situation in existence.

Acids

Acetic.—Production has been maintained at a level to keep the supply situation favorable. Producers have been able to satisfy the demand for war production and meet all essential industrial requirements.

Hydrofluoric.—Supply situation has improved. Requirements for use in high octane gasoline and other government wants have been satisfied as well as industrial demands, considered essential.

Lactic.—Demand for the technical grades has not been urgent. Producers have met demand for government and civilian uses without difficulty.

Nitric. — Stocks not excessive but sufficient to cover all essential requirements for war and industrial requirements within the limits of existing administrative controlling orders.

Oxalic.—No relaxation from former tight position. Demand continued to tax productive capacity and the available supply remained definitely short. Production in some instances sold well through September.

Sulphuric.—Present production sufficient to keep supplies available for all essential requirements. Demand

For Current prices see alphabetical listing beginning on page 9.

Market Trends

Prices Advanced

None

Prices Reduced

None

Comparative Price Indexes

(100=August 1, 1914)

General Chemicals

Last week.	Prev. week.	Last month.	Last year.
169.0	169.0	169.0	170.0

Acids

Last week.	Prev. week.	Last month.	Last year.
116.0	116.0	116.0	116.0

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Redanz Marks 50 Years With Fritzsche Brothers

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Ralph R. Redanz was the guest of honor at a banquet in the Waldorf-Astoria July 14 on the occasion of his fifty years of service with Fritzsche Brothers, Inc., essential oils and aromatic chemicals, New York. He was feted by the firm's officers and directors and by members of the Fritzsche Brothers' Quarter Century Club.

Frederick H. Leonhardt, president, who observed his fiftieth anniversary with the organization in April, presented Mr. Redanz with a framed testimonial, embodying a resolution adopted by the board of directors. William A. Welcke, first vice-president and treasurer, who has been with the organization for fifty-nine years, presented Mr. Redanz with a substantial government bond as a gift from the company. George L. Ringel, vice-president, who is also approaching the half-century milestone, and Miss Mary Neary presented respectively a gold wrist watch from the officers and directors and a solitaire diamond ring from his associates and employees.

reported heavy and shipments have maintained a satisfactory seasonal average.

Insecticides

Supplies of nicotine sulphate have felt the impact of a demand that started last Fall and continued to expand over the Spring months. Demand is attributed to larger truck crop planting for processing, heavy aphid infestation, good Eastern apple outlook and heavy codling moth emergence. The result has brought about a supply condition described as insufficient to meet war and essential civilian demands.

Outlook for white arsenic is considered none too favorable at the present time. According to reports, curtailment of mine production suggests that the overall output for next year will fall below the 1944 level. Producers of calcium arsenate hope cotton planters will keep enough reserve stock to cover any leaf worm increase. Judging from the prolonged hot spell it seems reasonable to assume that the infestation of boll worms will not prove serious. Damage as a rule is restricted under such conditions.

Monsanto Names Konrad Chicago Phosphate Sales Head

The promotion of Walter P. Konrad from the phosphate sales department in St. Louis to branch manager of the phosphate division sales department in Chicago has been announced by Robert S. Weatherly, general manager of sales of the phosphate division. He will take over his new duties on August 1.

Mr. Konrad graduated from Indiana University in 1922. In 1925 he joined the sales force of the Provident Chemical company, a property of Swann Chemical corporation which was absorbed by Monsanto in 1935. Since that time he has been in the phosphate sales group in St. Louis.

Heller & Merz to Market Products for Paper Trade

Products for the paper trade made by the pigment department of the Calco Chemical Division of the American Cyanamid Company will be sold by the Heller & Merz department, which is headed by J. H. Loomis, sales manager.

In announcing the new set-up, Mr. Loomis also stated that Unitane (titanium dioxide) and other products of the Virginia Chemical Corporation, whose manufacturing facilities have just been acquired by Calco, will be sold by his department.

Epinephrine Sprays

—Continued from page 3

public, FDA now says that, since then, there have been developments casting doubt on the original conclusions and it now appears that, if the product is sold under labeling which is forthright in its directions and particular in its warning against probable misuse, and the product is employed in a type of nebulizer which produces an extremely fine mist without the formation of droplets and permits very small dosages to be administered, it may be safely used without medical supervision.

FDA promised to keep in touch with developments of facts by experts, but for the present, it said, it will not undertake legal proceedings against preparations containing the equivalent of 1 percent of U.S.P. epinephrine if labeled to comply with the above suggestions.

Trade Briefs

Calumet & Hecla Consolidated Copper Company has offered to purchase the lands and personal property of the inactive Keewenaw Copper Company, excepting cash and securities, for 62,768 shares of Calumet & Hecla common capital stock.

Methyldiethanolamine is another of the amines now produced by Carbide & Carbon Chemicals Corporation, a unit of Union Carbide & Carbon Corporation, New York. This liquid has a characteristic amine-like odor and is completely miscible in water and benzene.

S. A. Berryann, assistant export manager for the Brown Instrument Company, Philadelphia precision industrial instrument division of Minneapolis-Honeywell Regulator Company, has been awarded honor medal for the highest average attained in chemical engineering, junior year, at the Drexel Evening School of Drexel Institute, Philadelphia.

OCR Chemicals-Drugs

—Continued from page 3

tile products, durable goods, and wholesale and retail trade generally. Heretofore, chemicals, drugs and health supplies were under a branch in the general commodities division, which reported on its activities to Vice-Chairman Elliott through the director of the general commodities division.

Dr. Fischelis said that, under the new setup, some reorganization of his division probably will be undertaken later but for the present at least the organization will continue to function as in the past. At the present time the division consists of seven sections as follows:—Surgical and accessories supplies, headed by Dr. Joseph B. Burt; chemicals and drugs, headed by George K. Hamill; protective coatings, by D. V. Sickman; plastics, by P. Carter Speers; crude drugs and cosmetics, by J. S. Mordell; pharmaceuticals, by Dr. George Fiero; insecticides, also headed temporarily by Dr. Fiero.

Priestly Promoted

—Continued from page 3

gree in metallurgical engineering, and entered the employ of Bethlehem Steel Corporation. In 1923 Mr. Priestley became consulting metallurgist for the Electro Metallurgical Company. He became vice-president in charge of sales development in 1932. Mr. Priestley was chief of the Alloy Steel Division of the War Production Board during the period of organization for the expansion of alloy steel production in 1942.

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It will pay you, as it has many of the largest and most exacting manufacturers, to investigate the merits of AR-50 for your household sprays and AR-60 for your livestock sprays.

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Manganese Resources Of Calif. Described

Manganese in California is the title of a 387-page, cloth-bound publication of the California Department of National Resources. The title is explanatory of the contents, which cover historical, geographical, development, and use aspects of the State's manganese resources. The book is a record of Federal and State investigations dating back into World War I. Its informative data are of timely usefulness.

Manganese in California is bulletin 125 of the State's resources department. It is well illustrated and it carries a supplemental geological map showing the location of manganese properties. It is procurable from the California Division of Mines, Ferry building, San Francisco 11, at $3 a copy.

Hooker Gets Third Star For Production 'E' Flag

The Hooker Electrochemical Company, Niagara Falls, N. Y., has been awarded a third star for its Army-Navy "E" flag, in recognition of its continued excellence in the production of materials for the War Department.

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• Fine, crystalline
• Free-flowing
• Easily soluble
• Non-caking

100 lb. Bags—(425) Bbls.
Plant shipment prompt,
C. L. or L. C. L.

V VIRGINIA

Unexcelled for Rayon Processing

VIRGINIA SMELTING CO.
WEST NORFOLK, VIRGINIA

HOW TO SPOT TWO 100% DEPENDABLE CHEMICALS
Just look for these Identifying Insignia:

LIQUID Sulfur Dioxide BY ANSUL*

LIQUID Methyl Chloride BY ANSUL*

*Reg. U. S. Pat. Off. OP-4-44

ANSUL CHEMICAL COMPANY
MARINETTE, WISCONSIN
EASTERN OFFICE: PAOLI, PENN.

Kiln Burned
HARDWOOD CHARCOAL
Now Available at
$32. PER TON BULK BASIS
f.o.b. Argyle or Meta, Missouri, or Baron, Oklahoma. (Our Option)
PAPER BAGS, $4.00 Per Ton Over Bulk
BURLAP BAGS, $5.50 Per Ton Over Bulk
Lump, Granular, Powdered
Subject to allocation by War Production Board.
Prices subject to change without notice
ALABAMA CHARCOAL CO.
Division of
THOMPSON-HAYWARD CHEMICAL CO.
KANSAS CITY, MISSOURI

Joins O. Hommel Co.

James F. McCrory, jr., has been named assistant to the president of the O. Hommel Company, Pittsburgh. He will coordinate the company's war work and other chemical products.

Davison Chemical Gets DPC Plant Facilities

Jesse Jones, Secretary of Commerce, has announced that Defense Plant Corporation has authorized execution of a contract with the Davison Chemical Corporation, Baltimore, Md., to provide equipment at a plant in Baltimore at a cost of approximately $65,000. The Davison Chemical Corporation will operate these facilities, title remaining in Defense Plant Corporation.

Tariff History Told

"A Brief Tariff History of the United States" has been published by the American Tariff League, a research organization devoted to the study of forces involved in foreign trade. Bertrand W. Hall is secretary of the league, 19 West Forty-fourth street, New York.

Trade Briefs

Bauxite properties in Jamaica, British West Indies, has been reported to have been acquired by Aluminum, Ltd.

William Shepherdson has been appointed staff director of the recently organized postwar small business credit commission of the American Bankers Association.

Detroit Chrome Plating Company is the firm name under which Joe Tassone and Art and Fred Habitz have published a certificate that they are conducting business at 113 West Anna street, Los Angeles, Calif.

Fortune Manufacturing & Salves Company is the firm name under which Samuel M. Isenson and Joseph Jacobsen have published a certificate that they are conducting business at 6260 Santa Monica boulevard, Hollywood, Calif.

N.Y. Industrial Safety Director Appointed

Industrial Commissioner Edward Corsi, head of the New York State Department of Labor, has announced the appointment of Charles Durr as directory of the recently established Division of Industrial Safety. This new division, a major phase of Commissioner Corsi's reorganization of the Labor Department, supplants the Division of Inspection with its Bureaus of Mercantile and Factory Inspection.

Book Exhibit at A.C.S. September Meeting

Besides its annual Spring book exhibit, the Division of Chemical Education will sponsor an exhibit at the Fall meeting of the American Chemical Society in New York the week of September 11. The exhibit, to be on the mezzanine of the Pennsylvania hotel, will be open daily from 9 a. m. to 6 p. m.

Secondary Nickel Output Up

The recoverable nickel content of nonferrous scrap used in 1943 totaled 6,917 short tons, compared with 4,142 short tons in 1942, according to the Bureau of Mines.

For Direct Consumption Sale

By authorization of the War Production Board, we offer the following lots of

ETHYL CELLULOSE

packed in 50 pound containers:

Pounds	
5,250	N 150
4,500	N 200
1,650	K 200
1,350	K 300
100	C 200
390	N 3000
200	Mixed viscosities

We will furnish a Copy of Authorization to buyers to receive and use this Ethyl Cellulose.

We will sell at the market price and make prompt delivery, part in New York City warehouse, and balance at our Rahway, N. J., plant.

The Mac Lac Company, Inc.
127 MAIDEN LANE
NEW YORK 7, N.Y.

Textile and Leather Chemicals

Conditions in textile and leather chemicals continued on a firm basis during the week although trading in most materials was quiet. There was no improvement in the tight situation concerning imported tanstuffs. Offerings from abroad continued scarce, and shipments of materials contracted for recently have not been expedited due to inability to secure shipping space at primary producing centers.

Announcement of price ceilings on Argentine corn to be imported during the next few months was made by the Office of Price Administration at $1.25 per bushel, bulk, c.i.f. port of discharge and the corn will be sold to feed manufacturers and livestock producers. This will relieve the tight situation in corn supplies available for the production of various corn products used in sizing materials.

The Office of Price Administration announced that in order to permit quantity production of a new type of barrel heading designed to provide greater protection against breakage of barrels containing powdered eggs and milk sent overseas, OPA provided special pricing of all headings of thicknesses greater than the standard one-half inch. Most of the headings will be ⅝-inch thick and of a type (No. 1 tongue and groove) never before produced by the industry. They will be manufactured in accordance with specifications prepared by the War Food Administration. This action effective July 29, deletes from the regulation the price schedule covering headings thicker than a half inch. OPA will establish prices for these headings on the basis of individual manufacturers cost until sufficient data have been accumulated upon which to establish general prices.

Chemicals

Acetic Acid.—Consumers were absorbing sizable quantities for actual requirements. Production holding up to cover demand. Prices were firm.

Alumina Acetate.—This market was steady, with demand moderate and mainly for prompt needs. Stocks in producers and users hands were reported adequate to cover consumption.

Soda, Bichromate.—Market remains firm under a good consuming call. Current production was sufficient to cover users requirements.

Dyestuffs

Annatto.—Trading was quiet. Light supplies on the spot were firmly held at current levels.

Turmeric. — Limited quantities of Aleppy were held at former prices. Demand was inactive. Offerings for shipment were scarce.

Sizing Materials

Albumen, Blood.—Steady consuming demand continued to take the bulk of available stocks. Production of late has been sufficient to meet demand. Quotations were firm. Trading in dried soluble blood was moderate.

Albumen, Egg.—An advance of 2c. per pound in granular and powdered will become effective August 1 for the month of August as scheduled by the Office of Price Administration. Trading was active, with the bulk of production sold up.

Dextrin, Corn.—Production has improved to some extent, and the delivery situation was better. Demand continued active. Prices held at ceilings.

Egg, Yolk.—Prices will be advanced 2 cents per pound, effective August 1 for the month of August, as per the schedule set by the Office of Price Administration. Trading was good. Deliveries on contracts have improved.

WFA purchased 21,766,904 pounds of dried eggs at the f.o.b. cost of $25,750,096 during June for lend-lease and other purposes, and exported 28,732,921 pounds during that month for lend-lease account.

Assurance that shell eggs purchased this year for producer price support purposes will not be "dumped" on the domestic market, was announced by the War Food Administration in the disposition of stocks acquired since January 1. Out of a total of approximately 6,300,000 cases (about 10,500 carloads) of shell eggs purchased for price support between January 1 and July 15, the WFA has disposed of about 3,500 carloads for school lunch, hospital and other institutional uses, to driers, freezers, and for other purposes. Disposition has included about 500 carloads for the nation-wide school lunch program and to hospitals and other Federal, State and municipal institutions, about 2,775 carloads to driers and freezers, and 225 carloads for livestock feed.

Egg breaking and drying operations through June continued at comparatively high levels, the Bureau of Agricultural Economics reported. During June 201,762,000 pounds of liquid eggs were produced, compared with 170,612,000 pounds in June last year. The production of dried egg during June totaled 32,513,000 pounds, compared with 23,889,000 pounds in June last year—an increase of 36 percent. Production during the first six months of 1944 totaled 179,750,000 pounds, compared with 138,684,000 pounds during the same period last year—an increase of 30 percent.

Contracts accepted by the War Food Administration from January 1 through July 14 for dried eggs totaled 183,902,000 pounds.

Starch, Corn.—Deliveries of corn starch have been accelerated against contracts owing to increased supplies of corn in producers hands. New business was good and the market continued strong at ceilings. Makers continue to operate at 80 percent of capacity.

Ceiling prices on Argentine corn to be imported by the trade during the next few months were announced by the Office of Price Administration effective July 29. The corn will be sold to feed manufacturers and livestock producers in New England, Atlantic, Pacific and Gulf Coast areas. The maximum price of this corn is fixed at $1.25 per bushel, bulk, c.i.f. port of discharge. This price takes into account such factors as the current f.o.b. market price at Buenos Aires, Argentina, shipping rates, marine and war risk insurance, out-turn insurance and other relevant factors. The price is for No. 1 and 2 corn. Lower grades and qualities also are priced at $1.25 per bushel, less the appropriate discounts established in the regulation (2nd Revised Maximum Price Regulation No. 346, Amendment No. 1).

WFA purchased 10,942,000 pounds of corn starch at the f.o.b. cost of $422,585 during June for lend-lease and other purposes.

Tanning Materials

Chestnut Extract. — Tanners were manifesting more interest and were absorbing increased quantities for prompt delivery, due to the scarcity of other materials and the uncertainty of replenishing stocks of divi-divi and wattle bark. Quotations were firm at ceilings.

Divi-Divi.—Tight conditions in this market continued to prevail. An active inquiry was noted for future delivery, but trading was dull because of the lack of offerings from primary markets.

Mangrove Bark.—While the market was quiet, a firm tone featured the market owing to the scarcity of stocks here and an inability of obtaining replacements.

Myrabolans.—Demand was light for spot delivery. Available supplies were quite liberal, but adequate to meet current demand.

Quebracho. — Consumption of extract continued in good volume, as tanners were said to be substituting it for other scarce materials. Trading was moderate at current quotations. Prices were firm. Recent arrivals replenished both sellers and consumers inventories.

Wattle Bark.—In the absence of offerings for shipment from primary centers, this market was quiet and featureless. Available supplies on spot were light and well held.

Market Trends

Prices Advanced

None

Prices Reduced

None

Comparative Price Indexes

(100=August 1, 1914)

Last week.	Prev. week.	Last month.	Last year.
264.5	264.5	262.8	277.1

For Current prices see alphabetical listing beginning on page 9.

ALBUMENS

SPECIFY "GARTENBERG"
. . . always Uniform
. . . always Dependable

★ THE LARGEST MANUFACTURERS AND EXPORTERS OF TECHNICAL EGG PRODUCTS OFFER YOU DOMESTIC ALBUMENS AND EGGS, LIQUID OR DRIED, IN ANY FORM FOR EVERY INDUSTRIAL USE

Write for Samples and Quotations

★★ SPEED VICTORY—BUY WAR BONDS ★★

H. GARTENBERG & CO., Inc.
Largest Manufacturers of Tanners' Egg Products
412 W. Pershing Road Chicago, Illinois
Cable Address: "GARTEGG"

Natural Products Refining Co.
910 Garfield Avenue,
Jersey City, N. J.
Natural BICHROMATES

DRY COLORS—DYESTUFFS
IMPORT EXPORT
FEZANDIE & SPERRLE, 205 Fulton Street, NEW YORK
Telephones: COrtlandt 7-1460-1461 Cable Address "Fezan", N. Y.

ORTHO PHENYLENEDIAMINE
PARA CHLORO-ORTHOPHENYLENEDIAMINE
PARA AMINODIMETHYLANILINE
FAIRMOUNT CHEMICAL CO., INC., 600 Ferry St., Newark 5, N. J.

Dyewood and Tanning Extracts

THE J. S. YOUNG COMPANY
Paterson, N. J. Boston, Mass. BALTIMORE, MD. Philadelphia, Pa. Chicago, Ill.

OPD—7-31-1944 35

OPD—7-31-1944

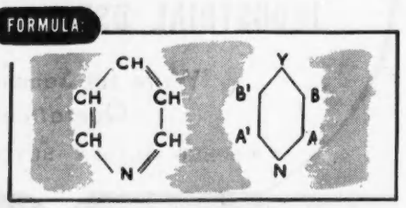
PYRIDINE

DEFINITION: One of the liquid nitrogen bases formed during the destructive distillation of coal. Many related nitrogen compounds—so called "pyridine bases"—are recovered during the purification of pyridine.

HISTORY: Discovered and isolated in a pure state from bone oil by T. Anderson in 1846. It was one of the earliest denaturants for alcohol.

FORMULA:

C_5H_5N



SOURCES: Pyridine is sometimes found in tobacco smoke, and has been isolated from bone oil, shale oil, lignite oils and certain petroleum oils. The chief commercial source is coal tar.

CHARACTERISTICS: Pyridine is a colorless liquid with a penetrating odor. It boils at 115° C and freezes at —42° C (—43.6° F) and is highly refractive to light. It weighs 8.20 pounds to the gallon. It will dissolve in water, alcohol, ether and combines with acids. It has antiseptic properties.

USES: Used in the manufacture of dyes and accelerators for rubber vulcanization, in waterproofing agents for fabrics and in the production of Niacin and sulfa drugs. Related bases are also used for synthesis of Niacin, a chemical of wide application as a vitamin in food enrichment.

GRADES: Classified on the basis of maximum distillation range in Degree Centigrade (of each type), as 2°, 10°, 15°, 20°, 30°, 50° to meet varying requirements. In addition, semi-refined or commercial grades are supplied. All grades are shipped in steel drums.

NOTE: Deliveries today are restricted by the primary requirements of pyridine for war uses.

This is one of a series of advertisements presenting information on basic coal-tar chemicals.

Awarded to the men and women of the Barrett Frankford Chemicals plant for excellence in the production of war materials.

THE BARRETT DIVISION
ALLIED CHEMICAL & DYE CORPORATION
40 Rector Street, New York 6, N. Y.
The Barrett Company, Ltd., 5551 St. Hubert Street, Montreal, Que.

ONE OF AMERICA'S GREAT BASIC BUSINESSES

Coaltar Chemicals

Active buying interest in the basic coaltar materials had a tendency to further tighten the supply situation in several of the major items. Benzol and toluol reflected the impact of a steadily increasing demand attributed primarily to the enlarged program for aviation gasoline production. Phenol was routed freely into channels reaching the chemical, dyestuff, plastic and other essential consuming industries. Xylol shipments for the production of dyes and intermediates continued steady. A salient feature in the intermediate market was the expectation of a new producer of phthalic anhydride into the field within the near future. Operation of this plant will help out the supply situation in that intermediate and also in alkyd resins, but will probably increase the demand for naphthalene. Hydrogenated solvents held their firm position and this might also be said of the acids.

Steel operations for the week beginning July 24 were scheduled at 95.9 percent of ingot capacity compared with 97.2 percent for the previous week. According to the American Iron and Steel Institute. A month ago the indicated rate was 95.7 percent. The current schedule is equivalent to a production of 1,717,800 tons of ingots and castings for the week compared with 1,741,000 tons for the preceding week. A month ago production was 1,714,300 tons and for the corresponding week a year ago 1,697,000 tons.

Market Trends

Prices Advanced

None

Prices Reduced

None

Comparative Price Indexes

(100=August 1, 1914)

Last week.	Prev. week.	Last month.	Last year.
129.2	129.2	129.2	129.2

Basic Products

Benzol.—Buying conditions have remained definitely tight, with a fair possibility of becoming tighter under a greater demand from producers of aviation gasoline. With due recognition of the fact that conditions change rapidly in these times, there were expectations that the amount available for civilian use might be further curtailed.

Coaltar.—WPB regulated shipments to specific requirements considered essential. These were about all the supply was able to satisfy.

Creosote Oil.—Supplies were reported comfortable to meet present requirements. Demand could not be called urgent, and production has not been pushed. Activity in the woodprocessing industry has naturally been curtailed by manpower shortages.

Cresols.—Enough material was available to meet war production requirements and also essential industrial wants within limits imposed by government regulations.

Cresylic Acid.—Demand for domestic continued fair for use in the manufacture of synthetic resins and also for disinfectant requirements. Stocks of imported material were sufficient to satisfy essential wants.

Naphthalene.—Tight buying conditions have not relaxed through any relief accorded supplies. Demand for the manufacture of phthalic anhydride has remained active, with the possibility of an increased call from this source if the expected added production materializes this month. At the close the markets for both crude and refined remained in a tight condition.

Phenol.—Steady shipments against allocated orders were reported. The movement covered the chemical, dye, plastic, insecticide and other essential industries. Shipments were made as promptly as labor conditions would permit. The supply situation appeared satisfactory to meet requirements.

Toluol.—This material as well as its derivatives continued to hold a definitely tight market position, with the available supply short for war and essential industrial requirements. The outlook does not offer encouragement for early relief. In fact, any increase in demand for aviation gasoline would tend to further tighten the supply situation.

Xylol.—Maintenance of steady demand for use in the manufacture of dyes and intermediates, as well as protective coatings, has taxed production and kept buying conditions tight. There was no suggestion of early easement.

Chicago, July 28.—Orders continue extremely brisk for coaltar bases. Wartime business was active, with orders for war purposes accounting for large proportion of the total business. Inquiry and orders for benzol are extensive. Ruling prices exclusive of tax are:—Benzol, pure, in tankcars, freight allowed up to 2c. per gallon, 15c. per gallon; toluol, 2-degree, same basis, 28c.; 10-degree xylol, same basis, 30c.; industrial xylol, same basis, 27c.; solvent naphtha, same basis, 27c.; creosote oil, grade 1, 15½c.

Hydrogenated Solvents

Cyclohexanol. — Satisfactory use of substitutes has eased the demand slightly and permitted a little better supply situation to materialize.

Cylohexanone .— situation similar to that in cyclohexanol. Consuming demand appeared to have eased from an urgent condition. Both markets remained sensitive and in a position to tighten on any renewal of important buying interest.

Coaltar Acids

Anthranilic.—Buying situation revealed no visible change from its former tight position. The call for essential uses moved material as fast as produced.

Broener's.—Shipments against regular contracts taxed output and kept the available supply at a relatively low level.

Fumaric.—Call for shipments for use in the manuafacture of resinous compounds and for other requirements, considered essential, has kept the available supply situation from easing.

Gamma.—Continued in good demand for the manufacture of dyestuffs. The limited extent of available supplies has contributed strength to the market's price structure.

Maleic.—Supply position was reported tight and not capable of meeting uses for war production or essential industrial requirements within the limits of existing administrative controlling orders.

Other Intermediates

Anilin.—Supply remained short of demand, regardless of the maintenance of steady production. Material has been moved from producing plants rapidly, but there is insufficient stocks to meet war requirements and essential civilian requirements.

Anthraquinone.—Demand continued to exceed the production level, leaving the market in a definitely tight position. The fact that there is not enough material to satisfy government and essential industrial requirements has made the use of substitutes advisable.

Benzaldehyde. — Tight position of basic materials was reflected in this market. Production has not been able to cover all requirements for government and industrial wants, and it did not seem likely that the situation would improve in the near future.

Catechol. — Buying conditions for this material have shown improvement. Demand has been satisfied from a favorable supply situation, with former prices fully sustained.

Diphenylamine.—While essential requirements for July were covered by WPB allocations, there was no indication that the available supply would be increased. The market closed the month in tight condition.

Orthocresol.—Position of market remained relatively tight, although there seemed to be sufficient stocks to cover government wants and essential industrial requirements.

Orthotoluidin.—Firm and in short supply. Difficulty in obtaining basic material has kept production at a level insufficient to meet demand completely.

Phthalic Anhydride.—Shipments for essential uses in alkyd resins, esters, dyestuffs and chemicals has overtaxed producing capacity. The supply could not meet all war and industrial requirements, and the market showed no

For Current prices see alphabetical listing beginning on page 9.

Coke By-Products

Estimates of by-product coke-oven operations in the week ended July 22 indicate the following output of by-products from that source:—

Ammonia sulphate	lbs.	39,047,235
Benzol	gals.	3,830,583
Coaltar	gals.	14,951,631
Creosote oil	gals.	790,830
Naphthalene	lbs.	1,668,157
Phenol	lbs.	222,421
Toluol	gals.	766,117
Xylol	gals.	172,994

tendency to relax from its tight position.

Resorcinol.—Producers have been able to meet demand for the technical grade without difficulty. The supply situation was described as favorable to satisfy essential requirements.

Coaltar Colors

Requirements of the leather, textile and other industries described as essential have taken the major part of production and prevented any appreciable easement in the supply situation. Production is not in a position to increase to any extent on account of present regulations and restrictions. Demand for food colors was chiefly routine, with the movement well up to seasonal expectations.

Magnus Sees Government Controlling All Jobs

That the government is getting ready to control all jobs during the postwar era was predicted by Percy C. Magnus, president of Magnus, Mabee & Reynard, Inc., essential oils and aromatic chemicals, New York, and former president of the New York Board of Trade, in a radio address July 27. Mr. Magnus charged that New Deal administrative heads are attempting to regiment the entire country, including labor, for the postwar era, and called on American citizens to wake up. Mr. Magnus claimed that the National Labor Board, which was set up under the national labor relations act of 1935, was empowered by congress to administer the law, but these powers and responsibilities had become "all snarled up" with a lot of other labor agencies appointed under the emergency powers of the President.

Washington Talks It Over

—Continued from page 5

Unlike the trends of most other commodities, that for drugs and sundries rose steadily after reaching the low point in 1933 without falling back in the recession of 1937. The trend of expenditures was $567,900,000 in 1929, $551,500,000 in 1930, $495,000,000 in 1931, $457,600,000 in 1932, $415,400,000 in 1933, thereafter it went upward to $460,200,000 in 1934, $477,000,000 in 1935, $493,200,000 in 1936, $520,300,000 in 1937, $541,100,000 in 1938, $577,600,000 in 1939, $600,700,000 in 1940, $696,000,000 in 1941, and $794,200,000 in 1942.

WPB Reports Linger On

Industries are not going to be relieved in all instances of the necessity of filing reports with WPB even though the supply of a given material may become so improved that all curbs on distribution or production are revoked. Officials have decided that, where the statistical agencies of the government, such as the Census Bureau or the Tariff Commission, are unable to supply the data necessary for WPB normal operations, the continued filing of reports after an order has been revoked is to be required.

The new policy was brought to light when WPB removed its controls over the distribution of sunn hemp and sunn hemp products. Instead of revoking the order entirely, as has been done in other cases in the past, WPB merely eliminated the distribution control features and reduced the order to four paragraphs covering definitions, applicability of the regulation, violations, and the reporting provisions.

Officials explained that retention of a regulation does not mean that the product will go under control again. This will occur only in rare cases, if at all, because it is the policy of WPB to hold a product under control until it can no longer justify such action. It is just because WPB has found that it has no other way of getting information for its overall operations.

Associate Director

Leon J. Willien, nationally known expert on gas, has been appointed associate director of the Institute of Gas Technology at Illinois Institute of Technology.

Surplus Disposal Catalogs

Like the familiar hawkings of the vendors at the ballpark—You can't tell the players without a scorecard—anyone interested in buying some of the materials and products now going on sale as surplus war property had best arm himself with the new Standard Commodity Classification to make sure that he knows what he is bidding for.

The Standard Commodity Classification is a new listing prepared by a group in the government a year ago to provide a more accurate identity of the things that are bought and traded in daily, and it has been adopted by the Surplus War Property Administration for identifying the things which the disposal agencies have to sell. This is the first government agency to break away entirely from the old method of classifying products by groups according to their "B" schedules.

Obituaries

—Continued from page

George A. Gahles

George A. Gahles, assistant control manager of the Grasselli chemicals department of E. I. du Pont de Nemours & Company, died July 23 of a heart attack while vacationing at his home town of Beaver Falls, Pa.

Mr. Gahles had a record of forty-five years service with the Du Pont company and the Grasselli Chemical Company. Since November, 1936, he held the position of assistant control manager and before that was assistant comptroller of the Grasselli firm. For 32 years he was in the accounting department of the Grasselli, Cleveland, Ohio, office.

Surviving are his wife, his father, and a number of brothers and sisters.

David Wiener

David Wiener, who organized and headed the Bayway Chemical Company, Elizabeth, N. J., which later was incorporated into the Standard Naphthalene Products Company, of Kearny, died July 20 while visiting members of his family who are spending the summer in Elberon, N. J. He was sixty-five. In recent years Mr. Wiener had made his home in Miami, Fla. The chemical company is now being carried on by his son, Abraham Wiener.

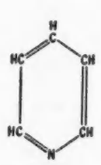
Surviving also are two daughters, Mrs. Jeanette Lifson and Mrs. Rhoda Lifson, of Elizabeth, N. J. His wife was the late Mrs. Bella Wiener.

George D. Allen, an employee of Merck & Co., for the last eleven years, died July 24 in Rahway, N. J. He was fifty-three years of age.

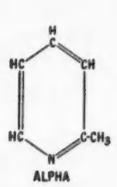
John A. Hanna, associated with the Gulf Oil Company, Tampico, Mex., died July 22. He was forty-eight years of age.

James Holden, assistant superintendent of the Standard Wholesale Phosphate Works, Baltimore, died last week. He was fifty-seven years of age.

Pyridine—Picoline



PYRIDINE



ALPHA PICOLINE

Grades

Both Pyridine and Alpha picoline distilling completely within 2°C.

Properties: (Pure Compound)

	Pyridine	*Alpha Picoline*
Molecular Weight	79	93
Melting Point	−42°C.	−69.9°C.
Boiling Point	115°C.	128°C.
Specific Gravity at 15½°C./15½°C.	0.986	0.949
State	Liquid	Liquid

Solubility:

Pyridine is miscible with water, alcohol, ether, benzene and many organic liquids.

Alpha picoline is very soluble in water and forms constant boiling mixture with it. It is completely miscible with alcohol and with ethyl ether.

Uses:

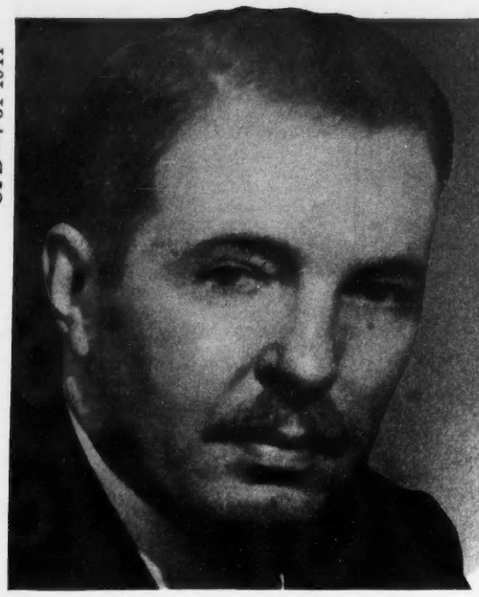
PYRIDINE—A starting material for production of pharmaceuticals, waterproofing chemicals, rubber accelerators. One of the best solvents for organic materials. Dissolves many metallic salts, forming relatively stable compounds without substitution. Useful in extraction, distillation and purification operations. The wide-boiling pyridines classified as Special and Denaturing grades, also available, can be used for denaturing alcohol and for many other purposes which do not require a large percentage of pure pyridine.

ALPHA PICOLINE—The high water-solubility and the boiling point recommend it for many solvent uses in place of more expensive solvents, particularly where the use of a pure compound will reduce costs in comparison with wide boiling ranges of unknown compositions. Used in the synthesis of alkaloids, pharmaceuticals and other organic compounds.

KOPPERS COMPANY

Tar and Chemical Division **Pittsburgh 19, Pa.**

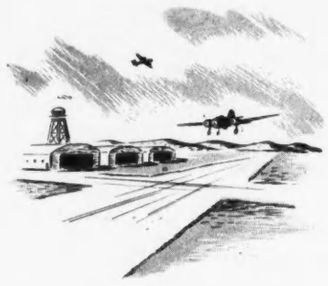
OPD—7-31-1944



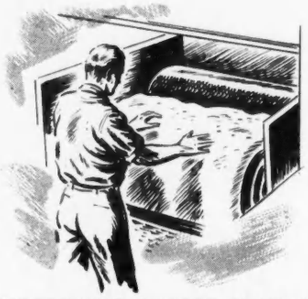
Hidden assets for a thousand products

"From just one basic source, Hercules Powder Company has extracted a whole series of specialized products widely used in paints, varnishes, lacquers, soaps, insecticides, electrical insulators, linoleum, ink, plastics, detergents, adhesives, cement, rubber, paper coating. Only by long years of painstaking research has Hercules been able to develop the complex field of terpene and rosin chemicals."

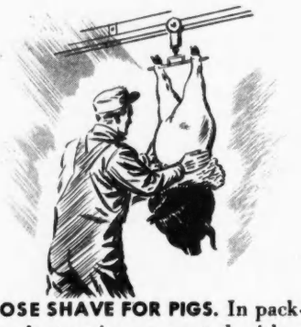
DAVID DIETZ, *Science Editor of Scripps-Howard Newspapers, Author, Pulitzer Prize Winner*



EXTRA STAMINA FOR CONCRETE. Vinsol* resin helps keep concrete surfaces smooth and long-wearing. Interground with cement, it enables concrete to withstand scaling and corrosion due to frost and thaw and the action of ice-removing agents.



STRETCHING RUBBER SUPPLIES is one of Hercules' contributions toward rubber conservation. Solvenol* is used as a penetrant, softener, and swelling agent in the reclaiming of scrap rubber. It is now under allocation for this war task.



CLOSE SHAVE FOR PIGS. In packing plants, pigs are coated with a special resin, Brisgo*. When the Brisgo, applied hot, has cooled and congealed, it is peeled off like a banana skin and with it comes every hair and all the stubble.

RESIN AGAINST THE SEA. Pentalyn* resin permits use of domestic linseed instead of unobtainable foreign oils in making the tough, salt-water-resistant protective coatings essential to our ship-building program. Makes *more* paint with *less* critical materials.

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NI-43A

Protective Coatings Materials

Despite constantly tightening restrictions on civilian uses of certain pigments, colors and lacquer materials, and the overhanging threat of a new curtailment of the quota of drying oils to be allotted to paint makers in the fourth quarter of this year, manufacturers of paints, varnishes and lacquers and importers and processors of the principal ingredients of these protective coatings are continuing to build up a sizable civilian business in these materials, with which to replace the huge volume of war orders that continues to pour in upon them, as rapidly as these orders show signs of actual or impending shrinkage.

There remain, however, many obstacles blocking a full attainment of these objectives which must be surmounted before deliveries can be made on all the civilian business already on the books of these paint materials concerns and in immediate prospect. Chief among these deterrents to "full-steam ahead" operations are the shortages, recently intensified, in both sea and overland shipping facilities, including import licenses; in all types of containers and in manpower. And these handicaps are not to be overcome easily.

Meanwhile, in order to assure an adequate supply of materials used extensively in munitions making or urgently needed for lend-lease accommodations during the stepping up of the Allies' invasion campaigns, which are believed to mark the concluding stages of intensified warfare in Europe and in the Pacific, the War Production Board and War Food Administration are manifesting a tendency to tighten the strings on their stockpile bags. Besides progressively cutting down its Chemicals Bureau allocations for July in butyl alcohol, butyl acetate, ethyl acetate and isopropyl acetate, WPB is scheduling even severer cuts in its allotments of these materials to lacquer makers.

Market Trends

Prices Advanced

Alphapinene, 1½c. per gal.
Barite, crude, 94% barium sulphate, Missouri mines, 50c. to 75c. per ton.
Rosin, gum, 1c. to 17c. per 100 lbs.
Turpentine, gum, 1½c. per gal.

Prices Reduced

None

Comparative Price Indexes

(100=August 1, 1914)

Last week.	Prev. week.	Last month.	Last year.
140.2	140.2	140.2	140.2

Metallic Lead and Zinc

Despite the increasing drain upon current domestic production and importations which is likely eventually to reduce the Defense Supplies Corporation's stockpile, attributable to expanding operations in war munitions making, lead remains the only important base metal still in sufficient supply to meet virtually all requirements of the war and essential industries. Hence no restrictions are yet being placed on purchases of pig lead by oxidizers and other lead pigment makers. Quotations for pig lead have remained unaltered for the week July 21-28 at 6.35c. per pound in St. Louis and 6.50c. in New York.

Although WPB has recently told of an improvement in the general supply of metallic zinc and, on the strength of this acknowledged amplification of stocks, has notified the hardware industry advisory committee that it can have additional supplies of this metal for the making of hardware products by appealing for same, pending simplification of zinc conservation order L-236, it has not yet made any similar concession on zinc slabs to the manufacturers of zinc pigments. Hence, the latter are still compelled to present priority ratings to procure the slabs. Prices for zinc slabs have continued unchanged for the week, July 21-28 at 8.25c. per pound in East St. Louis and 8.66c. in New York.

Pigments

Blue Lead.—Buying interest in this pigment continues keen on both military and civilian accounts. Tone steady.

Litharge.—Still moving steadily into consuming channels. Prices well maintained.

Lithopone.—A much more satisfactory supply situation has developed with the observance of WPB's amended order M-353, providing for allotments to the trade of all zinc sulphide pigments on unrated orders, to the extent allowed by priorities regulation No. 1, after 100 percent allocations have been made on ratings of AA-2 or better.

Titanium Dioxide.—Allotment of TiO_2 pigments to the trade, after the filling of all rated orders, chiefly in A material from military sources, continues to be made on a basis of 25 percent quotas for A material and 75 percent for B and C materials.

Zinc Oxide.—The recent extension of the last of permissible uses of lead-free zinc oxides has not gone far toward easing the tight situation in this market, wherein allocation control is still in force. Leaded zinc oxides, though free from such control, continue in rather limited supply.

Fillers and Extenders

Barytes.—As an initial step in the direction of its promised establishment of price ceilings on all barium chemicals, OPA has fixed a maximum price for crude barite produced in Missouri, containing 94 percent barium sulphate, at $8.50 per short ton, effective July 31. Hitherto, under GMPR, crude barite had been selling at the individual high price levels of producers, as of March, 1942, which showed a range of $7 to $7.25. Provision has also been made for the addition of a premium of not more than 25c. per ton for each 1 percent of barium sulphate content in excess of 94 percent, in the event that a deduction of at least an equal amount is made for $BaSO_4$ content below that percentage. While it is expected that commensurate markups will be made in the maximum prices of air-floated barytes and blanc fixe, no move in this direction has yet been reported.

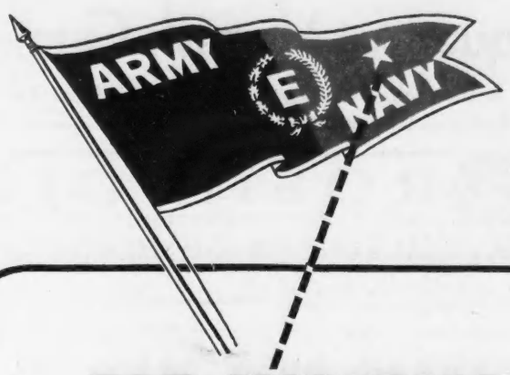
Talc.—A brisk movement of fibrous lac is still noted with producers generally caught up on orders with reasonably prompt deliveries. The Surplus Property Division of the Treasury Department is offering for sale, through its New York, Washington, D. C.; Atlanta, Ga. and San Francisco offices, approximately 6,000 tons of talc, designed for use as a decontaminating agent, consisting of 60 percent magnesium silicate, 29 percent of magnesium oxide, and 5 percent calcium oxide, which has been turned over to this bureau by various military units. It is stated that 98 percent of this mixture will pass through a 325 mesh screen and that it is packaged in two sizes, four and a half and fifty-pound units. Details of the offerings of this talc, which should be of interest to the paint and chemical companies among others, may be obtained by contacting the above mentioned offices.

Dry and Chemical Colors

Carbon Blacks.—Despite the recent issuance of allocation order M-300, designed to regulate the distribution of channel blacks, known as rubber grades and furnace types, inventories of channel blacks have continued to diminish this month, although it is expected that, as this order is enforced, purchases and takings by the manufacturers of synthetic rubber tires will be held in check to the extent that production will prove sufficiently large to maintain stocks on hand at substantially present levels, hereafter. The paint trade has learned that it may still buy several types of channel blacks not included in the restricted-purchase category without having to procure WPB authorizations.

Chrome Colors.—Zinc chromate yellow continues under allocation control and in light supply, without any reflection of the easing of restrictions on the procurement of Class A pigments. Chrome green and chrome yellow, still in keen demand, are difficult to ob-

For current prices see alphabetical listing beginning on page 9.



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A-12

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tain for civilian uses because of the limitations on purchases which allow only 25 percent of the base period consumption.

Driers and Flatteners

Tallates continue the prime favorites among paint trade users of driers, now that WPB has cut in half its former allocations of naphthenates for civilian purposes, limiting its allotments of the latter materials almost entirely to those directly engaged in some form of war production work. Soyates are still moving steadily but in rather limited volume.

Among the flatteners and driers, stearates continue in greatest demand, with many producers sold well ahead. There is only a light inquiry reported for laurates.

Lacquer Materials

Butyl Acetate.—A further contraction of allocations for civilian coating uses is contemplated by the Chemicals Bureau of the War Production Board for August, to the extent that they will exclude all but the most highly essential civilian employment of this material, such as for enamels and electrical insulation, and may also exclude even some of the military uses of relatively lesser importance.

Butyl Alcohol.—Under pressure of a short supply of butyl alcohol, due to greatly increased military requirements of a highly essential nature, which are expected to continue for the next few months, WPB's Chemicals Bureau is also planning additional severe cuts in its allocations of this material for August, thereby tightening the situation for civilian users still further.

Ethyl Acetate.—Further tightening of the supply position in this material is expected as a result of scheduled heavy reductions in WPB's allocations for August.

Ethylcellulose. — Tightness in the supply situation in this material, which is still under full allocation control, may be relieved to some extent in the near future by the contemplated extension of the ethylcellulose plant of a leading producer in Virginia, which is about to expand its output of this material by 60 percent to meet the hugely increased ammunition demand from the Army and Navy. WPB has authorized the sale, for direct consumption only, of several parcels, aggregating 13,440 pounds, of various viscosities, now being offered from an owner's surplus. This proffered material is located at New York and Rahway, N. J.

Isopropyl Acetate.—Conditions exactly similar to those noted in ethyl acetate now prevail in the market for this material, insofar as civilian uses are concerned, with WPB arranging further curtailment of its allocations for August.

Naval Stores

A rather anomalous situation has been developed in the naval stores markets within the last week, with turpentine exhibiting unexpected additional strength as all offerings have been quickly taken up, and registering modest but fairly steady advances in price, while rosins have manifested a recessionary tendency as buyers have generally withheld bids and the quantities offered have greatly exceeded the demand. In only a few instances have rosin processors consented to market their goods at prevailing prices, although continuing to offer them tentatively on succeeding days, but the movement of the market has been very irregular, with early downward swings in the higher grades being changed to slight advances, later.

Turpentine.—Steadily mounting war requirements and a moderate expansion of civilian needs have inspired a fairly sizable buying movement in turpentine on the Savannah exchange, with all offerings snapped up on each of the trading days last week, at steadily advancing prices. In the first two days, alone there were markups of a quarter cent, each, and the rise thereafter was nearly continuous, carrying the price on the exchange to the 78-cent mark. Locally, the market for turpentine was seasonally quiet, with only small sales recorded.

The War Food Administration reports deliveries of pine oil on lend-lease account for June as having amounted to 369,369 pounds, while those of kiln pine tar for that month totaled 321,894 pounds, and those of tarene, 46,473 pounds.

Savannah, July 28.—Following is a record of the market for the week:—

	Bulk gallons Cents.	Bulk gallons Sales.	Barrels Receipts.	Barrels Shipments.	Barrels On hand.
Monday ..	76¾	4,500	62	...	29,400
Tuesday ..	77	6,200	134	448	29,091
Wednesday.	77½	4,200	47	81	29,057
Thursday..	78	2,350	90	230	28,917
Friday ...	78	1,950	39	192	28,764

Rosin.—Processors of rosin, although relieved of the heretofore customary pressure to convert their goods immediately into cash by the CCC's proffer of 90 percent loans at price levels only slightly under the market, have nevertheless shown a tendency to make sizable offerings on each trading day on the Savannah exchange within the past week. But these would-be sellers have not been keen to part with the bulk of these offerings at prevailing prices, with the result that, in the absence of a brisk demand, only a small percentage of these offerings have been sold on the exchange and the unsold lots have generally been added to the offerings of each successive day. In the resultant quiet market, price changes have been irregular, with small declines converted into uplifts in the higher grades. In New York, purchases were confined to rather meager proportions.

The War Food Administration reports deliveries of gum rosin on lend-lease account for June as having aggregated 1,034,208 pounds.

Savannah, July 28.—Following is a record of the market for the week:—

	Price per unit—Low of range quoted Mon.	Tues.	Wed.	Thurs.	Fri.
B	$4.72	$4.72	$4.72	$4.74	$4.76
D	4.82	4.82	4.82	4.84	4.86
E	5.44	5.44	5.44	5.46	5.48
F	5.48	5.48	5.48	5.49	5.52
G	5.55	5.55	5.55	5.56	5.59
H	5.58	5.55	5.55	5.56	5.59
I	5.58	5.55	5.55	5.56	5.59
K	5.58	5.55	5.55	5.56	5.59
M	5.58	5.55	5.55	5.56	5.59
N	5.75	5.70	5.70	5.71	5.74
WG	5.80	5.80	5.85	5.87	5.90
WW	6.09	6.09	6.12	6.16	6.26
X	6.09	6.09	6.12	6.16	6.26
	Barrels Mon.	Tues.	Wed.	Thurs.	Fri.
Sales	71	163	288	371	290
Receipts ..	86	469	346	164	140
Shipments..	...	20	245	145	400
Stocks	15,334	15,783	15,884	15,903	15,643

Synthetic Resins

Alkyd resins, on which WPB has recently been making numerous rulings tending to restrict still further all civilian uses, so as to make ample provision for the filling of military enduse emergency orders, have been forced into the spotlight of publicity again of late through the announcement that there will be a new source of production of phthalic anhydride next month. The output of this new producer of that material is expected to be so sizable as to ease the tight supply situation in phthalic alkyd resins while well calculated to intensify the tension in the supply of naphthaline.

Additional instructions issued by WPB on ways and means of procuring emergency allotments of alkyd resins in August for filling military enduse orders state that applications for such emergency allotments for next month may be made by sending a letter or telegram to the Synthetic Resin Section of WPB's Chemicals Bureau, Washington 25, D. C., requesting that a specified number of pounds of alkyd resins be permitted for purchase and use next month in accordance with direction No. 3 to order M-139.

Glues and Binders

Casein.—Arrivals of four cargoes of imported casein, aggregating 41,489 bags with a combined weight of approximately 2,696¾ tons, have tended to ease the hitherto tightening supply situation in this commodity, although there has been no notable amplification of domestic production. As yet, however, there has been no further shading of prices. Importers continue to hold Argentine casein at around 18 cents to 19 cents per pound for the acid-precipitated grade while domestic producers are still asking prices only slightly below the OPA ceilings.

Hides.—Arrivals of sizable lots of gluemaking bones and hide gluestock in the form of cattle fleshings are making the position of some manufacturers a little more comfortable. WPB's third quarter allocations of hide and acidulated bone glues are proving generally satisfactory but consumers are looking forward eagerly to a probable elimination of allocation control in the fourth quarter of this year. Producers of these products, however, are, not so greatly pleased over the outlook for the removal of allocation control, as such action would throw the unenviable responsibility of making allotments back upon them.

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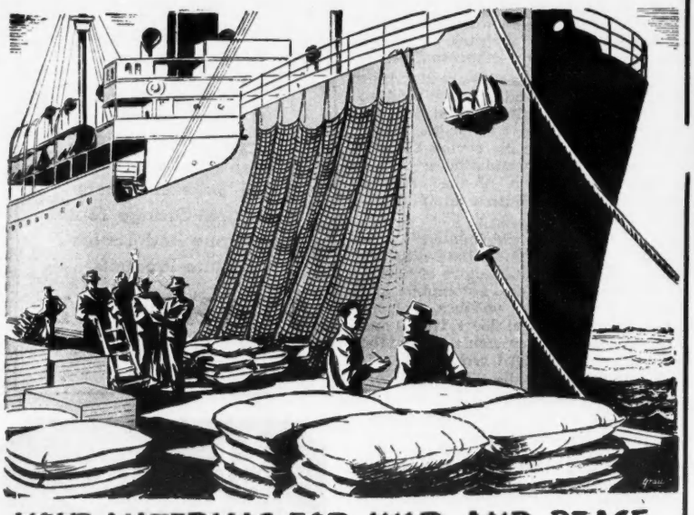

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Varnish Gums

Asphaltum.—Buying interest continues fairly keen throughout the list, with an especially active demand for manjak. Gilsonite and petroleum base gums are still moving briskly into consuming channels.

Copal.—Local supplies of Congo copal gum continue to dwindle under light but steady buying operations of the varnish trade, without much prospect for substantial replenishment. Some lots of this natural resin contracted for at the source, prior to the imposition of the license requirements, are still awaiting the procurement of adequate cargo space, although it had hitherto been hoped that the last of these lots would be shipped so as to arrive here in August, at the latest.

Shellac.—Handicapped by lack of a sufficiency of bleaching grades now being brought into the United States by the government agency for the Defense Supplies Corporation stockpile, from which that bureau is releasing to the trade only 500,000 pounds a month, processors of this gum in this country are finding it difficult to fill more than a third of the current calls for these types, for domestic consumption and export. Yet they continue to be deluged with a superfluity of orange and other less-pressingly-needed and infrequently called for grades, commanding much higher prices. Renewed efforts are being made by a prominent importer, representing the Foreign Economic Administration, to arrange with the government authorities for more sizable importations of the bleaching grades, but to date there has been no appreciable improvement in this direction. Besides this deterrent to a resumption of widespread activity in the domestic market, there is another obstacle to the much-desired expansion of business in shellac arising from the scantiness of the supply of specially denatured alcohol required in making up numerous forms of liquid shellac, from which there is no promise of speedy relief, even through the scheduled whisky distillers' holiday, next month.

Abrasive Materials: 1943

The total value of products of the industries producing natural abrasives increased about 3 percent in 1943 compared with 1942, according to the Bureau of Mines. Salient statistics of the abrasives industries in the United States in 1942 and 1943 follow:—

	1942	1943
Domestic production (sold or used by producers)—		
Natural silica abrasives—		
Diatomite	[1]	[1]
Tripoli	$272,428	$244,365
Quartz	331,494	346,558
Ground sand and sandstone	3,646,643	3,937,452
Special silica-stone products—		
Grindstones and pulpstones	539,739	488,205
Oilstones and related products	[1]	[1]
Millstones	10,391	9,240
Flint lining and grinding pebbles	295,761	203,849
Natural silicate abrasives—		
Pumice and pumicite	706,199	611,495
Garnet	299,904	429,120
Natural alumina abrasives—		
Corundum	[1]	[1]
Emery	49,413	63,195
Total natural abrasives[2]	6,151,972	6,333,479
Total artificial abrasives[3]	[4]23,242,559	26,198,001

[1] Bureau of Mines not at liberty to publish figures. Average for diatomite for 1939-41 was $1,915,405.
[2] Excludes value of diatomite, corundum and oilstones and related products, which the Bureau of Mines is not at liberty to publish.
[3] Includes material produced in Canada; Bureau of Mines not at liberty to publish United States data separately.
[4] Revised figure.

Prepared by Robert W. Metcalf and A. B. Cade under the supervision of Oliver Bowles, Chief, Nonmetal Economics Division, Economics and Statistics Service.

Technical Data Files Issued For Specialties Manufacturers

A new series of eight technical data files prepared by Dr. Erich Meyer, director of the department of industrial research for L. Sonneborn Sons, Inc., New York, provides useful information on various petroleum products for manufacturers of household sprays, cattle sprays, corn earworm oils, protective creams for industry, brushless shaving creams and other specialties.

The technical data files are standard file cabinet size, and may be used as folders for filing all essential data on the subject of the particular file. Data on the front of the file covers properties, principle of formulation and commercial preparation of the product. Some of the files also contain pertinent inserts.

The products for which data are supplied in these technical data files are also used in the manufacture of household type insecticides, automobile and furniture emulsion polishes, solvent cleaners of industrial floors, trucks and buses, summer spray emulsions for the protection of orchard crops, and animal remedies.

Copies may be obtained, without charge, by writing to the department of industrial research, L. Sonneborn Sons, Inc., 88 Lexington Avenue, New York 16, N. Y., specifying the type (or types) of manufactured product for which data is desired.

Shell to Build Laboratory in California

An establishment of a $599,000 agricultural laboratory at Salida, Calif., is planned by the Shell Oil Company in cooperation with the Shell chemical division of the Shell Union Oil Corporation. Dr. T. R. Hansberry, former associate research professor of the New York State College of Agriculture at Cornell, will head the staff.

Experiments will be made in spray oils, fertilizers, insecticides, fungicides, soil and grain fumigants and plant hormones. Shell Development has, at Emeryville, Calif., the largest petroleum research laboratory on the Pacific coast.

Standard Cap & Seal Engages Dr. J.A. Keenan

Dr. John A. Keenan has been named executive vice-president of Standard Cap & Seal Corporation, New York. Dr. Keenan was formerly associated with the Carnation Company, where he was director of nutritional research.

Paint Salesmen Cancel Sales Conference

The sixth annual sales conference of the National Paint Salesmen's Association, which was to be held at the Madison hotel in Atlantic City, September 29 and 30, has been indefinitely postponed.

Prophylactic Brush Company, New York, has elected Charles M. Macauley a vice-president.

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Paint Trademark Directory Compiled

The trademark bureau of the National Paint, Varnish and Lacquer Association, Washington, has compiled its 1944 Trademark Directory. The price is $3 to members and $5 to nonmembers.

The 1944 directory has two added features (1) Rather complete information relating to "Selection and Use of a Trade-Mark" and to "Protection of Trade-Marks." This is important, practical and worthwhile information. (2) To purchasers, there will be sent yearly (in 1945 and 1946) a supplementary list of trade-marks which have been added to our file records for those years. This will serve to keep the directory reasonably up to date.

Russell Leaves G.E. To Form Own Company

Joseph Russell, who served for thirteen years in sales and technical service on glypta resins for General Electric Company, recently resigned to start his own business as manufacturers' representative of paint raw materials and chemical specialties. His territory will include Texas, Louisiana, Oklahoma and Arkansas, with headquarters in Houston, Texas.

Mr. Reynolds assumes the new work in addition to his regular duties as purchasing agent and secretary of the corporation.

Mr. Reynolds has been in the chemical industry for eighteen years, having operated the Spartan Chemical Company since 1938, and prior to that he was with the Monsanto Chemical Company in various capacities.

Sherwin-Williams Appoints New Southeastern Manager

The Sherwin-Williams Company, paint manufacturer, Cleveland, has appointed W. B. Bell as manager of its Southeastern sales district. Mr. Bell will make his headquarters at Atlanta, Ga. Since joining the company in 1922, Mr. Bell has occupied numerous sales positions, becoming Cincinnati division sales manager in 1933. In 1935 the Atlanta-Nashville divisions were combined under the managership of Mr. Bell. Later he became industrial sales manager for the then South Central division.

Detroit Paint Club Elects Officers

Frederick G. Weed, vice-president of the Rinshed-Mason Company, has been elected president of the Detroit Paint, Varnish and Lacquer Association. Other officers are vice-president, C. H. Hutchins; secretary, Alfred L. Hartung of the American Can Company; treasurer, E. H. Dunn, of Berry Brothers, Inc. The association will hold a golf tournament at the Grosse Iie Country Club, August 15.

N.Y. Paint Club To Meet September 21

New York Paint, Varnish and Lacquer Association will hold its first fall meeting in the Biltmore hotel, September 21. A previously set date has been yielded to the American Chemical Society, which is holding a meeting in New York September 11-15.

Amertorp Plant to Be Converted to Can Making Unit

The St. Louis plant of the Amertorp division of the American Can Company, one of the principal producers of torpedoes, will be converted to a can manufacturing plant when the war ends, D. W. Figgis, president of American Can Company, has announced.

DeVilbiss Elects Officers

Howard P. DeVilbiss has been elected president and general manager of the DeVilbiss Company, Toledo, Ohio. Allen D. Gutchess has been made chairman of the board and active senior executive of the company.

Lacquer & Chemical Corp. Names Reynolds Sales Head

Lacquer & Chemical Corporation, Brooklyn, N. Y., has appointed James B. Reynolds sales and advertising director, succeeding Wm. A. Riordan.

Small-Lot Disposal

—Continued from page 3

still insufficient as an antimonopolistic guide in industries where government holdings are exceptionally large. In such cases, it was argued, the administrator should prepare disposal plans and submit them to Congress, with which the decision on the course ultimately to be followed should rest.

The committee estimated that at the close of the war the surplus goods and property of the government may amount to as much as $103,828,000,000. Of this amount, $7,450,000,000 consisted of potential civilian goods in a finished state, and $4,588,000,000 of potential civilian goods in a raw materials state. A breakdown of the finished products included:—Medical and dental, $264,000,000; food, $1,875,000,000; trucks, cars, tractors, and the like, $4,000,000,000; railroad equipment, $400,000,000; photographic equipment and supplies, $96,000,000; precision instruments, $90,000,000; clothing (unissued), $725,000,000. Raw materials were estimated to consist of $2,150,000,000 worth of petroleum products, $1,428,000,000 of government stockpiles, and $1,000,000 of other supplies. Surplus industrial property was estimated at $7,900,000,000 in buildings and plants, $8,094,000,000 in machinery and equipment, and $560,000,000 in machinery in services.

Murphy Varnish to Be Sold to Interchemical

Stockholders in the Murphy Varnish Company, Newark, N. J., will be asked to vote August 10 on the proposal calling for the sale of the company to the Virginia Chemical Corporation of Delaware for $1,725,000. The Virginia Chemical Corporation is a wholly-owned subsidiary of the Interchemical Corporation.

Under the proposal, the intial step calls for the liquidation of the Murphy Varnish Company by changing the name to the R. K. Company. Ultimately the company will be operated as the Murphy Finishes Company. The contract for the transfer of the Murphy interest calls for the continuance of the present management, with Charles J. Roh as president and Paul S. Kennedy as vice-president.

Trade Briefs

Hildreth Marine Paint & Composition Company, New York, has been incorporated with a capital of $30,000 in $100 shares. Subscribers are B. Miller, R. Steiner and S. Skerker.

Acetoacetanilide use in the manufacture of organic yellow pigments expected to reach record production of 80,000 pounds per month in July, according to the War Production Board.

Fred H. Palmer, jr., owner of the Palmer-Schuster Company, paint raw materials, Cleveland, has been elected president of the National Alumni Association of Kenyon College. Mr. Palmer is a Kenyon '22 graduate and is a member of Alpha Delta Phi.

Titanium Pigment Manufacturers' Specification Committee is a recently organized British group whose sole object is to assist in the preparation of official specifications involving titanium. Its officers are:—Chairman, W. Woodhall, of National Titanium Pigments, Ltd., Luton; secretary, S. G. Tinsley, of the British Titan Products Company, Stockton-on-Tees.

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Oils, Fats, and Waxes

Conditions in the oils and fats situation continued on a firm basis during the week although new business was at low ebb. Prices for the entire list were well held at ceilings.

Of late the trend of the hog market had been steadily upwards and price ceilings were reached during the week, whereas a month ago hogs were selling at the floor price, the market scoring a gain of 1c. per pound during this period.

War Food Administration has allocated tung oil for August on the same basis as in the last several months—100 percent of current needs for all permitted uses. In addition, a limited quantity has been allocated for "non-specified" uses.

Degras and refined wool fat also have been allocated by WFA for all essential uses during August, even though supplies were not available to meet the total quantities requested for delivery. As announced on June 24, a limited quantity of refined wool fat (lanolin) has been made available for delivery to cosmetic manufacturers during July and August.

Despite strained relations between Argentina and the United States, there has been no break in commercial relations, a survey among commercial bankers disclosed. Business is still being conducted in a normal manner and the United States continues to import sunflower seed oil, linseed oil, flaxseed, hides and other raw materials. Large shipments of corn will shortly be imported by the United States from the Argentine.

The Chemical Bureau of the War Production Board amended the cotton linters and hull fibre order M-12 to remove the exemption for deliveries between companies that are a part of a cotton seed oil mill group, providing that each mill shall be considered a separate unit.

Market Trends

Prices Advanced

None

Prices Reduced

None

Comparative Price Indexes

(100=August 1, 1914)

Last week.	Prev. week.	Last month.	Last year.
192.7	192.7	195.1	195.4

Flaxseed

Active call continued for seed for immediate and prompt delivery. Seed receipts more liberal. Inquiry for futures more active.

Minneapolis, July 27.—An excellent demand was noted for seed for immediate and prompt delivery at ceilings. Interest in futures has improved and more trading took place during the week than for some time past. Flaxseed crop news continued good and harvesting starts in South Dakota this week.

Crop movement in bushels follows:—

	Receipts		Shipments	
	1944	1943	1944	1943
This week	214,500	276,000	33,000	24,000
Since Sep. 1.	21,770,000	16,716,500	3,204,900	1,768,000

The week's closing flaxseed price range was as follows:—

	Cash	Sept.
Saturday	$3.05	$3.04
Monday	3.05	3.04
Tuesday	3.05	3.04
Wednesday	3.05	3.04
Thursday	3.05	3.05
Friday	3.05	3.05

Buenos Aires, July 28.—The Grain Board not quoting flaxseed for shipment. Flaxseed shipments during the week were 669,000 bushels to the United Kingdom. Visible supply was estimated at 8,267,000 bushels. Flaxseed for export nominal at $1.90¼; Rosario, $1.81⅛ per bushel.

Hull, July 28.—Bombay, July, £33; Calcutta (no quotations); La Plata, August, £22½ per ton.

Linseed Meal

Trading was active at ceilings. Offerings were readily absorbed.

Minneapolis, July 27.—An active demand was received for meal and crushers were having little difficulty in selling surplus stocks. Crushers expect to clean up old business by the end of the season.

Shipments of linseed meal in pounds were as follows:—

	1944.	1943.
This week	11,090,000	6,840,000
Since Sept. 1	315,894,700	477,280,000

Linseed Oil

Demand for linseed oil was restricted to less than car lots during the week. Consumers recently placed contracts for requirements during the balance of the year and are not expected to manifest much interest in the market until the Fall. The call for oil on contracts continued in steady volume. Demand for replacement oil was also in good request. Prices were steady and unchanged. Raw oil was held at 14.7c. per pound, tankcars and tankwagons.

Arrivals of linseed oil totaling 1,232 tons were noted during the week.

WFA purchased 85,852,280 pounds of edible linseed oil at the f.o.b. cost of $11,814,562 during June for lend-lease and other purposes.

Purchases of raw linseed oil totaling some 960 tankcars at 13.70c. to 14c. per pound, f.o.b. works, were reported for June 28 and 29 by the War Food Administration.

Minneapolis, July 27.—Trading in linseed oil was limited although the call for deliveries against contracts was fair to good. The bulk of oil for government account has been shipped. Crushing operations have been reduced to 75 percent of capacity.

Shipments of linseed oil in pounds were as follows:—

	1944.	1943.
This week	12,960,000	5,500,000
Since Sept. 1	324,048,000	136,750,000

Cottonseed Oil

Trading in cottonseed oil futures was restricted to seven contracts for March and May delivery during the week. Outside of a steady call for refined grades on allocations, the market was a dull and featureless affair.

Advices from the South state that the cotton crop in the Southeast and other sections in the belt were benefited by rains which were badly needed during the past week.

Hogs were stronger and have advanced from the floor price of 13.75c. per pound to the ceiling of 14.75c. per pound during the past month, selling at the ceiling during the week.

The Commodity Credit Corporation announced the purchase of 729,219,000 pounds of lard and rendered pork fat from January 1 to July 15, 1944, inclusive.

The War Food Administration reported exports of lard totaling 85,921,217 pounds during the month of June and 281,737,755 pounds from January 1 to June 30, inclusive, and exports of rendered pork fat were 278,035 pounds in June and 21,543,526 pounds during January 1 to June 30. Shipments of oleomargarine in June were 6,577,263 pounds, and 39,142,127 pounds, January 1 to June 30.

Prices follow:—

	Cents per pound in tanks— High.	Low.	Close.
September	....	....	14.31 nom.
October	....	....	14.25 nom.
December	....	....	14.00 nom.
March, 1945	13.95	13.75	13.75-13.85
May	13.95	13.95	13.75-13.95

Total sales, 7.

Cash, 14.31c. nom.

Crude, Southeast, 12¾c.; Valley, 12¾c.; Texas, 12c. (all ceiling prices).

Memphis, July 27. — Timely rains throughout this section have helped the cotton crop. Oil men met today with CCC officials to draw up a contract for the crushing of cottonseed and soybeans for the coming season. New contract will go into effect shortly.

Fatty Acids

Conditions in the market were firm, with consumers taking sizable quantities on contracts. Prices were steady at ceilings.

Chicago, July 26.—Fatty acids are in good call. Buyers say they are confronted with only limited amounts of material available.

Cake and Meal

Demand for linseed meal continued active especially for spot delivery, with interest in futures increasing. Offerings of cottonseed meal practically nil. Advices from Uruguay and Peru reported the placing of embargos on exports of cottonseed meal from

For current prices see alphabetical listing beginning on page 9.

those countries, stocks of meal being needed for own consumption.

WFA purchased 540,000 pounds of linseed meal at the f.o.b. cost of $10,165 during June for lend-lease.

Fats and Greases

Grease.—Inquiry for choice grades continued active with the bulk of sales transacted in the West at ceiling prices. Offerings of high grades were not heavy. Interest in the low grades continued slow with some business accepted at ceilings and at slightly less in the country.

Tallow.—Business of moderate volume was reported in the West at ceilings. Offerings of better quality tallow were not heavy, while stocks of the low grades were in more liberal supply.

Fish Oils

Cod.—Small lots on spot were in quiet demand, but firmly held at current levels.

Menhaden. — Interest in refined grades continued slow. Prices were easy and could have been shaded on round-lot buying. Inquiry for crude oil was moderate, with refiners not disposed to purchase at ceilings. Recent sales were made at 8¼c. per pound, f.o.b. plant, "if and when made." Additional business was reported at slightly above this figure during the week, but was not confirmed.

Sardine. — This market remains steady. Recent sales of heavy volume were made at ceilings.

Baltimore, July 26.—Buyers of menhaden oil are disposed to hold off and it has been impossible to make sales at the ceiling, 8.9c. per pound. The report that a lot of menhaden oil was sold some time ago at 8.25c. per pound has been confirmed, and according to one authority, sales of 30 tanks have been disposed of within a week or ten days, though this statement still lacks verification.

Waxes

Arrivals of some 9,120 bags of carnauba wax were the main attraction in the wax trade during the week. The bulk of the arrivals was for delivery to consumers against former contracts and little was retained by importers for warehouse reserves. Offerings of carnauba from Brazil were mainly for January-February shipment, with occasional offers for December-January and none for prompt. Buyers showed little interest in the distant forward positions. Trading in ouricury for shipment was quite active, while spot demand was fair at ceilings. Liberal stocks of candelilla on spot attracted little interest. Activity in beeswax continued conspicuous by its absence owing to the recent GMPR order covering maximum price ceilings.

Fats, Oils Output, Consumption: April

The preliminary statistics of the factory production and consumption of animal and vegetable fats and oils for April, 1944, as compiled by the Bureau of Census, follow:—

	Pounds	
	Production	Consumption
Babassu, crude	.....	217,000
Refined	.....	1,911,000
Castor, No. 1, crude	9,876,000	12,034,000
No. 3, crude	3,070,000	3,733,000
Dehydrated	5,768,000	5,711,000
Sulphonated	.....	483,000
Chinawood or tung oil	330,000	633,000
Coconut, crude	9,461,000	17,383,000
Refined	6,960,000	7,523,000
Corn, crude	12,350,000	15,000,000
Refined	14,130,000	7,501,000
Cottonseed, crude	61,266,000	32,776,000
Refined	78,619,000	90,485,000
Linseed	79,182,000	44,906,000
Olive, edible	.....	35,000
Inedible	.....	30,000
Sulphur oil or olive foots	[2].....	205,000
Oiticica	[2].....	522,000
Palmkernel, crude	.....	[2].....
Refined	.....	.....
Palm, crude	.....	5,066,000
Refined	[2].....	[2].....
Peanut, crude or virgin[1]	8,128,000	11,194,000
Refined	9,810,000	6,485,000
Sesame	[2].....	42,000
Soybean, crude	112,857,000	105,863,000
Refined	98,822,000	81,435,000
All other	1,270,000	1,628,000
Animal Fats		
Lard, rendered (including neutral lard and rendered pork fats)	229,993,000	15,472,000
Neatsfoot oil	180,000	205,000
Tallow, edible	9,424,000	6,748,000
Inedible	84,387,000	99,676,000
Fish Oils[4]		
Codliver oil	136,000	543,000
Cod oil	18,000	997,000
Marine mammal oil	.....	1,754,000
Other fish oil except liver oil	[3]219,000	12,051,000
Other liver oil	332,000	549,000
Greases		
Greases (including garbage and house), other than wool	55,685,000	61,817,000
Wool grease	1,388,000	1,526,000
Secondary Products		
Animal fat and oil fatty acids	20,491,000	20,132,000
Animal foots, 100% basis	1,950,000	2,167,000
Fish and marine mammal fatty acids	3,050,000	675,000
Grease and lard oil	5,440,000	4,750,000
Oleo oil	5,794,000	1,944,000
Red oil or oleic acid	6,951,000	5,723,000
Stearic acid	4,882,000	3,819,000
Foots from fish and marine mammal oil (100% basis)	[5].....	84,000
Stearin, animal, edible	3,095,000	2,067,000
Inedible	3,375,000	1,498,000
Stearin, vegetable oil, winter	6,346,000	4,362,000
Tallow oil	2,131,000	979,000
Vegetable oil fatty acids from foots and other than from foots including fatty acids from tall oil, palm oil, refuse, etc.	10,889,000	11,253,000

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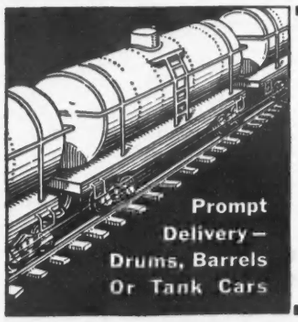
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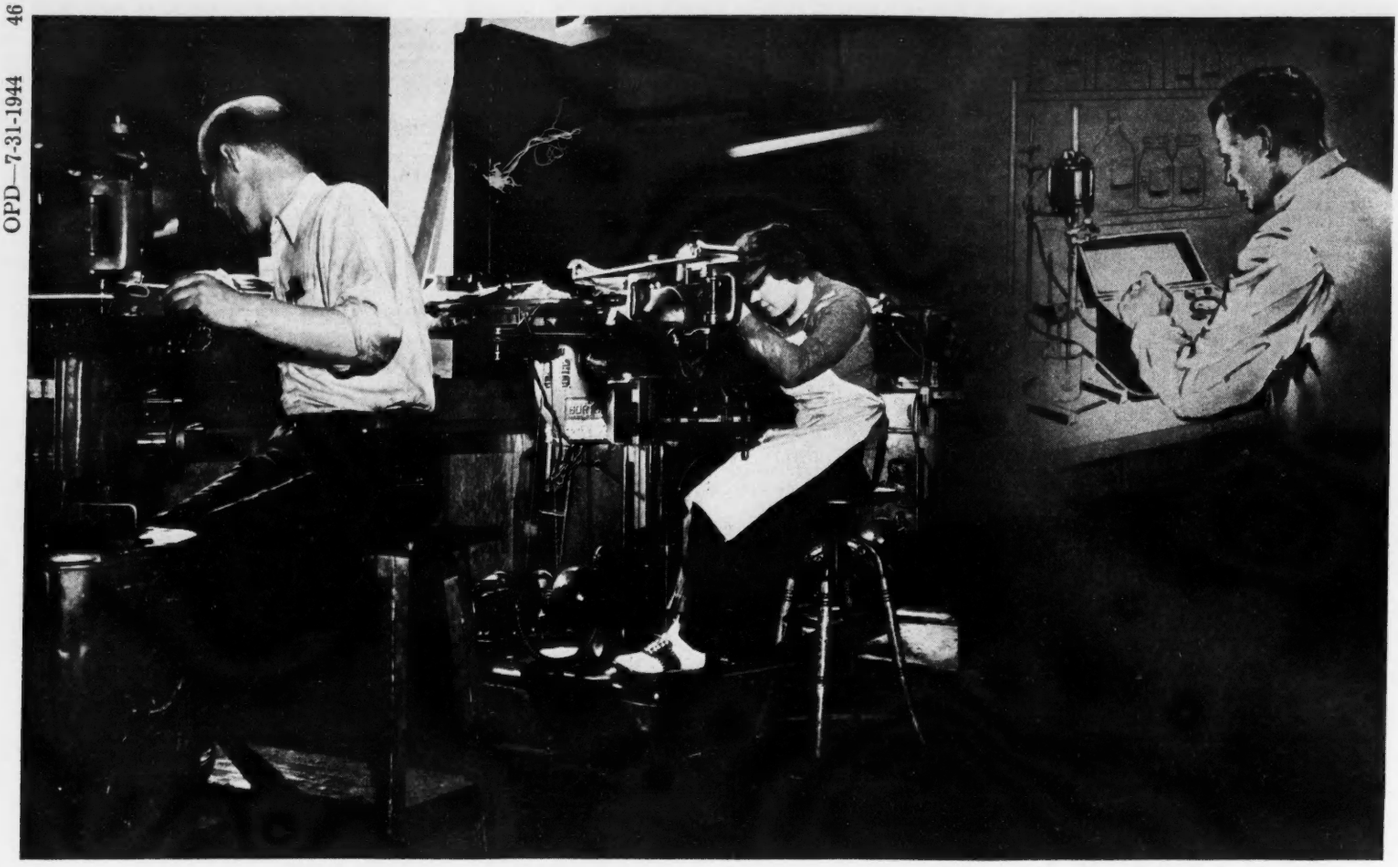

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A diabetic today, thanks to insulin therapy, is usually able to take his place in the home and in the community, and lead a normal life. This may be attributed to the marked progress in the refinement of insulin and insulin therapy, as practiced by the present generation of physicians.

Today the average diabetic child of ten may be expected to celebrate his fiftieth birthday. Without insulin, he would have been doomed in little more than a year. An adult at the age of thirty, stricken with the disease, may expect to live twenty-seven and a half years longer. Prior to insulin, his chances for life were a little more than six years. Even at the age of fifty, average life expectation is fourteen and a half years, which is 50% more than in the pre-insulin days.

And these added years can be active ones, not years of invalidism.

This increased span of life is due to advances made by medical science and to the research work of pharmaceutical houses, from which come countless modern-day drugs to protect life, from babyhood to old age.

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For nearly 40 years Baker has built its chemical business on measured purity. That is why leading pharmaceutical and drug companies choose Baker as a source of supply. They know that Baker's purity by the ton in fine chemicals is the result of unique control methods and ceaseless testing.

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Drugs and Fine Chemicals

Prices succeeded in maintaining complete stability in the drug and fine chemical market last week. With the exception of a decline which will be made effective August 1 by one producer of synthetic methanol, the price structure remained intact and was generally counted as firm.

As usual, government agencies in Washington provided developments that will influence the future availability of supplies and which gave to the week some important implications. Among the developments was a declaration by the War Production Board that its allocations of butyl acetate and alcohol in August would reveal a substantial reduction in the totals to be alloted manufacturers of protective coatings. WPB further said that only the most highly essential of civilian uses would be awarded deliveries in that month.

WPB continued in action when it changed the distribution of dimethylamine and monomethylamine, two of the alkyl amines, from one by directive to a straight quarterly allocation beginning October 1. Apportionment of supplies during the past six months had been by directive and the change to quarterly allocation was because military demand exceeds production capacity so much that it is probable that all civilian uses will be denied for the next six months. The small order exemption for both materials was set at 1,000 pounds.

Glycerin was cued into prominence when it was declared that the present production is slightly in excess of consumption, although there is good reason to expect a rise in consumption in the not far distant future. The entrance was accompanied by a report that put crude glycerin in firmer position following a short period in which sales had been made slightly under the ceiling when sellers who do not refine seemed to fear an accumulation of stocks. Against that view was the refiners' opinion that an accumulation of refined glycerin is desirable when postwar needs are kept in mind.

The War Food Administration made public its lend-lease purchases in June of ascorbic acid, castor oil, fishliver oils, milk powder, and thiamine hydrochloride.

Acid, Ascorbic.—Purchases for lend-lease account made by the War Food Administration in June totaled 71,450 kilos, in addition to 1,053,500 tablets.

Acid, Nicotinic.—WFA purchases in June on lend-lease account totaled 12,650 kilos.

Alcohol.—It appears that consumers of industrial alcohol tend to expect more liberal allocations of that article, basing the expectation, apparently, on the fact that the August holiday is at hand, when whisky distilleries will be permitted to operate their stills in the manufacture of alcohol destined for beverage purposes. Resignation of the synthetic rubber production administrator may have had some effect in that direction also. However, nothing that WPB has said thus far constitutes a ground for the diversion of more alcohol to civilian purposes, and, although military events have turned very favorable, there is no sound reason to believe that the overall war program alcohol requirement will decrease sufficiently to provide more industrial alcohol for civilian manufacturing consumption. WPB placed normal octadecenol, a higher aliphatic alcohol, under allocation, beginning August 1.

Butyl Acetate.—The War Production Board announced that allocations of this article for the manufacture of protective coatings will be greatly reduced in August. Allocations in that month will exclude all but the most highly essential civilian uses.

Butyl Alcohol.—Allocations by WPB in August will exclude all but the most highly essential civilian uses, and the use in protective coatings will be reduced sharply in the allotment of materials for that month.

Castor Oil.—Stocks of castor beans continued to increase. The latest addition to stocks totaled 8,602,500 pounds, which brings the total arrivals since January 1 to 149,231,640 pounds. The latter figure compares with 169,475,350 pounds imported during the corresponding period a year ago. The arrivals thus far this year are about 11 percent behind those of last year. Arrival of 1,000 drums of oil was also reported last week. And during the month of June, WFA bought 43,680 pounds. Demand for oil continued very good, and deliveries were satisfactory.

Chicago, July 26.—Castor oil demand is holding up, and on the whole is in substantial volume. Prices are:—Cold pressed, U.S.P., returnable drums, car lots, 14½c. per pound; drums, less than car lots, 15¼c.; tanks, 13¾c.; No. 3, extracted, returnable drums, car lots, 14¼c.; drums, less than car lots, 15c.; tanks, 13½c.

Dimethylamine.—This material will be placed under quarterly allocation as a schedule of general allocation order M-300, effective October 1, according to an announcement made by the War Production Board on July 26. Distribution had been by directive. The small order exemption is set at 1,000 pounds by terms of the amendment to M-300.

Fishliver Oils.—During the month of June, the War Food Administration bought 1,594,813 million units of vitamin A in the form of fishliver oil. With demand expected to run high and with no surplus of oils being in sight, the market continues in strong position at all points.

San Francisco, July 26.—Market continues fairly quiet with seven tankcars reported sold to the smaller buying trade. All oil moving at ceiling. Potencies on oil are believed to be down 1-3 over this same period last year, and number of units cost down 40% for same period of 1943.

Glycerin.—Production at the present time is slightly in excess of consumption but it is believed desirable for refiners to accumulate reserve stocks of a substantial sort against the time when world interest in American glycerin is likely to expand heavily. It is not entirely unlikely that domestic consumption will increase in the not far distant future and other requirements are likely to make such a desirable accumulation not too easy of accomplishment. At the moment, the availability of crude has steadier a market in which some sales were made recently below ceiling levels when some recovers of crude, who lack refining facilities, showed a disposition to move their stocks immediately and did so at price concessions. That condition seems to have been temporary, although non-refining sellers of crude still prefer to dispose of their material promptly.

Chicago, July 26.—With business continuing along fairly stable basis, glycerin is giving a good account of itself marketwise. Orders and inquiries both are fairly extensive. Prices for both chemically pure and high gravity are:—Tankcar, 18c. per pound; drums, car lots, 18¼c.; drums, less than car lots, 18¾c.

Hexamethylenetetramine.—Basic raw material will be cheaper on August 1, but as yet there has been no intimation of a change in the official schedule of this derived material.

Methanol.—The new and lower prices which one producer of synthetic material has announced to be effective August 1 have yet to be reflected in any proposed change in the quotations on such derived products as formaldehyde and hexamethylenetetramine. It is interesting to note that, while the less than car lot material in drums will be priced on a zone basis, car lots in drums and tanks are priced on a works basis, with prices subject to equalization.

Milk Powder.—War Food Administration purchases on lend-lease account in June totaled as follows:—skimmed milk powder, roller process, 3,318,972 pounds; spray process, 2,835,-

For Current prices see alphabetical listing beginning on page 9.

Market Trends

Prices Advanced

None

Prices Reduced

None

Comparative Price Indexes

(100=August 1, 1914)

Last week.	Prev. week.	Last month.	Last year.
239.5	239.5	239.2	241.0

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272 pounds; whole milk powder, 1,218,401 pounds.

Milk Sugar.—Experiments at the Institute of Paper Chemistry are reported to show that dextrin can be substituted for milk sugar in the production of penicillin on corn-steep liquor with no diminution of the quantity output. The experimenters say that the milk sugar, or dextrin, acts more as a preservative than as a nutrient.

Monomethylamine. — This material will be placed under quarterly allocation on October 1 as a schedule of general allocation order M-300, according to an announcement made by the War Production Board on July 26. Distribution had been by directive. The small lot exemption was set at 1,000 pounds.

Potash Bromide.—The consumption position appears to be excellent now and the future tends in the same direction with calculated requirements of consumers likely to require high volume production.

Quicksilver.—The market has a firmer undertone and a strata of real strength that is somewhat in contrast with the fact that the government stockpile contains many thousand flasks, the eventual disposition of which will play a prominent part in the future development of production, sales, and prices. Buying has improved considerably of late and values have tightened.

San Francisco, July 26.—Buying interest and inquiries have increased with the lessening in production, and considerable metal is reported to have been sold. Producers quoting between $100 and $105 per flask, f.o.b. San Francisco.

Riboflavin.—War Food Administration in June for lend-lease totaled 2,185 kilos.

Thiamine Hydrochloride. — Allocations hereafter will be on the basis of use certificates only where the quantity involved is 2,000 grams or more per month, according to the War Production Board in its amendment to the general allocation order M-300 on July 25. No use certificates will be required on smaller amounts. In addition, the small order exemption is increased to 2,000 grams per person per month.

Trade Briefs

Pacific Coast Borax Company, Wilmington, Calif., has awarded a contract for construction of a raw manufacturing plant, to cost $30,000.

Strathmore Products Company, New York, has purchased from Beresol Products, Rockaway Beach, N. Y., the business in ripans tabules, one of the old-time packaged medicines.

Elmer F. Hinner has been appointed assistant general manager for the Virginia cellulose department of the Hercules Powder Company, Wilmington, Del.

Elwood M. Jones, former assistant sales manager for the Rubberset Company, Newark, has been appointed sales manager in charge of all paint brush sales.

Paul L. Hershfield has been appointed general factories manager of the glass container plants of the Anchor Hocking Glass Corporation, Lancaster, Ohio.

Johnson & Johnson, New Brunswick, N. J., as a result of a research program which began in 1936, is now using synthetic rubber in the manufacture of improved surgical adhesive tape and its band-aid adhesive bandage products.

A.W. Badanes, Jr., Gets Army Air Force Commission

Albert Wiswell Badanes, son of B. H. Badanes, vice-president in charge of general drug and sundries buying for McKesson & Robbins, Inc., New York headquarters, has received his commission as a first lieutenant in the U. S. Army Air Force. He is stationed at Grenier Field, N. H., where he is a meteorologist.

Penicillin Authorities Honored

Dr. Alexander Fleming, discoverer of penicillin, and Dr. H. W. Florey, developer of its therapeutic properties, were knighted by the King of England on the recent occasion of his bestowal of birthday honors. Sir Henry Dale, chairman of the British penicillin committee, was honored with the Order of Merit.

Joins W.R. Warner

Erwin Fauser, president and general manager of Frederick Stearns & Co., Detroit, at the time of its acquisition by Sterling Drug, Inc., has joined William R. Warner & Co., New York, as president of a new subsidiary which will market Sloan's liniment, "Non-Spi" deodorant, and other proprietary preparations.

Phila. Wholesale Drug Company Elects Officers

O. S. Osterlund has been elected president of the Philadelphia Wholesale Drug Company, Philadelphia, filling a vacancy caused by the death of H. Krupp. Henry V. DeHaven has been named vice-president. Russell T. Blackwood, jr., has been elected general manager, and Ralph B. Rorhman assistant general manager. J. K. Aughingbaugh has been elected a member of the directorate.

Mr. Osterlund, who has been a member of the directorate for thirty-one years and long vice-president of the company, is a graduate of the Philadelphia College of Pharmacy, and for a period served as its president. Mr. Blackwood has been affiliated with the company for twenty-one years. He graduated from the Philadelphia College of Pharmacy in 1919.

WPB Cork Division Director Appointed

OPD Washington Bureau

Stephen L. Mathewson, of Atlanta, Ga., has been appointed deputy director of the Cork, Asbestos and Fibrous Glass Division, to fill a vacancy caused by the death of George F. Stone, Philadelphia, the War Production Board has announced. Mr. Mathewson previously was assistant director of the division for one year.

UNRRA Drugs

—Continued from page 3

the interests of American manufacturers. This is now to be changed insofar as UNRRA operations are concerned.

UNRRA drug purchases can be expected to be largely in the so-called "dose-size" packages of standard items, since facilities for making up prescriptions probably will not be readily available in the liberated areas. This will be particularly true in the case of tablets and pills. Experience has shown that as the axis have been pushed out of the occupied territories they have either taken with them or destroyed the manufacturing facilities.

Officials estimate that it may be necessary to provide relief for some 350,000,000 people in Europe, and that it may be necessary to continue extending relief for a year or more after the war. While it could be expected that at the end of the European war a considerable part of the European drug manufacturing industry would be left intact in Germany, the nations which had been robbed of their facilities during the occupation by the axis doubtless would insist upon a return of those facilities, and during this period of rebuilding, relief needs will have to be met by UNRRA.

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Surplus Disposal

—Continued from page 3

000,000 of government stockpiles, and $3,000,000,000 of items in manufacturing inventories. OWI credits this breakdown to WPB.

The surpluses today are estimated to be the heaviest in the shipping industry, with aircraft running second. Medical supplies also are reported to account for big surpluses today, the OWI adds. Some of the other highlights of the report are:—

Industrial Facilities

More than half the government's expenditures on industrial expansion for war production has been on equipment rather than structures, according to WPB. Not all the structures have been new; $2,000,000,000 was expended on additions or improvements to existing facilities.

Approximately one-third of the expenditures, according to WPB, have been in plants making explosives and ammunition, some part of which will be kept in a stand-by condition; one-third has been for chemical, rubber, metals and machinery facilities, and the remainder for aircraft and shipping.

The Army and Navy may wish to retain much of their plant investment (approximately $5,000,000,000 in ordnance and shipping). Plants constructed by the Defense Plants Corporation, through which nearly half the governmental building expenditures have been made, are considered more readily adaptable to commercial use, but DPC says there is "no line" by which plants to be kept in a stand-by condition and those to be offered for sale can be separated today.

Anticipating numerous proposals concerning different types of plants, the SWPA administrator has asked government experts for advice on questions concerning the enlargement, improvement or conversion of plants at government expense, to adapt them to postwar use. This question, he said, would seem to fall under two heads:—

(a) Where such improvements or conversions are carried out, in order to permit the sale of such plants to industry; and

(b) Where there is a probability, if not a certainty, that such plants after conversion may have to be operated by the government, or with government subsidies.

Location of some of the government's plants may prove a stumbling block to disposal. Some areas with a high percentage of government investment, SWPA is aware, because of their isolation provide a poor prospect for conversion after the war—and, therefore, for sale to private interests. This is particularly true of explosives and shell loading plants. Unadaptability to civilian use, regardless of location, is a factor SWPA believes may hamper the sale of a number of other plants.

WPB has estimated that approximately $9,600,000,000 of the government's more than $15,000,000,000 investment in industrial facilities can be put to peacetime use, but that the location, unadaptability, and other factore deterring sales will reduce the disposable plants to $6,000,000,000 of which half will require conversion for peacetime use. This will comprise a substantial addition to the nation's peacetime production capacity.

Contractors at the time hostilities in Europe cease may possess a net working capital of approximately $20,000,000,000 compared to $9,000,000,000 at the end of 1940.

Fourteen percent of the nation's war plants cost between $25,000 and $100,000. More than half of the war plants cost less than $1,000,000. SWPA, in planning for the disposal of such plants is integrating policies with over-all policies of the Office of War Mobilization, which will take into consideration the problems of refinancing of the industrial plants and re-employment.

Industrial surveys of all war plants which may become surplus are being made by the Reconstruction Finance Corporation. RFC reported to Mr. Clayton that:—

We are making cost comparisons both in construction and operation between different plants in given fields and between different products that are competitive or potentially so . . . We are undertaking studies of individual plants, such as the magnesium plant at Las Vegas, Nev., and the steel plant at Geneva, Utah, to determine post-war possibilities. This includes methods of cutting operating costs (whether through operating economies, process change or further capital expenditures), of developing by-products, of improving products and processes, and of developing uses of new war time products and increased war time capacities.

We are also authorizing current research, with respect to magnesium and with respect to alloying of magnesium and its fabrication. In cooperation with the War Production Board, we are arranging to send a representative each from WPB, DPC and Basic Magnesium, Inc., to England to obtain information not available here relative to magnesium fabrication.

Munitions Makers' Inventories

Inventories of munitions' manufacturers today are held to about $10,000,000,000, because of the tight controls exercised by WPB. These inventories include raw materials, goods in process and finished goods.

It has been estimated by industry and reported to WPB that not more than 30 percent of the inventories on hand at the end of the war will serve a civilian purpose.

Four-fifths of the inventories reported by war industries last fall were in raw materials and goods in process, and have been steadily, though slowly declining, according to WPB records.

Policies on Disposal

Sales of government surpluses will be made through the use of sealed bids, auctions and negotiated sales. The method employed in any case will be governed by the type of property to be sold. Sales will not be made without an adequate test of the market to determine fair prices.

demand, into current production to prevent their accumulating and flooding the market later.

A price of 75 percent of cost, or market, has been set as a conservative figure designed to discourage non-users —speculators and promoters. The SWPA Administrator has prescribed the policy of selling through regular trade channels. As an example of the use of normal channels, 10,000 motor trucks are now being sold through automobile dealers.

Advisory Board Functions

In carrying out his responsibilities, the Administrator has the benefit of an advisory policy board made up of the heads of the War, Navy and Treasury Departments, Reconstruction Finance Corporation, Maritime Commission, WPB, Bureau of the Budget, War Food Administration, Attorney General, Federal Works Agency, Foreign Economic Administration, and State Department, Smaller War Plants Corporation and Civil Aeronautics Board.

Foreign Surpluses

The Advisory Committee on foreign surpluses has recommended to FEA that sale of surplus property abroad should be regulated to support the American foreign policy, the interests of American business, and with consideration as to the effect on future export markets. The government, said the committee, should avoid selling surpluses abroad in small lots, but should provide for credit on producers' goods.

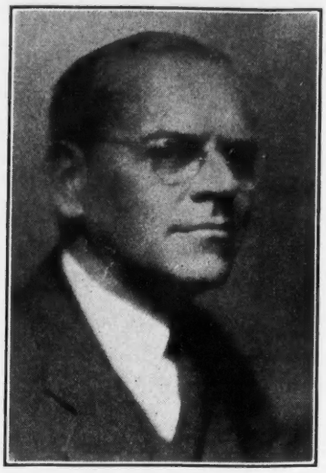
Surpluses arising overseas out of foreign procurement will be mostly of raw materials, and not large. The committee assumes that surpluses arising in this country and sold abroad will be handled "in accordance with the gold fish bowl policy stated in the Baruch-Hancock report."

The greatest needs in European countries, it is currently estimated, will be for food, fertilizer, farm equipment, transport equipment, manufacturing tools, medicines, soap and clothing.

Special Problems

Legislation will be required in establishing national policies to cover special problems relating to disposal of surpluses. Congress now is considering legislation to make SWPA a statutory body, and in May 42 bills relating to some phase of reconversion and surpluses were pending.

Made General Manager



William H. Berg has been made general manager of the prescription products and industrial chemical divisions of the Borden Company, New York.

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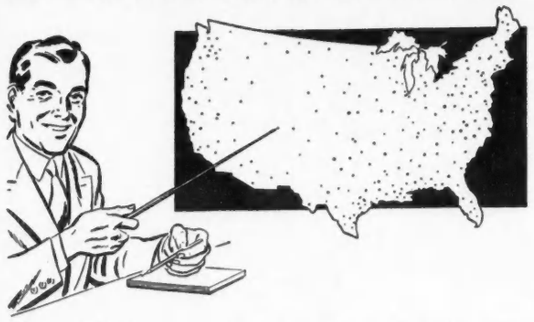

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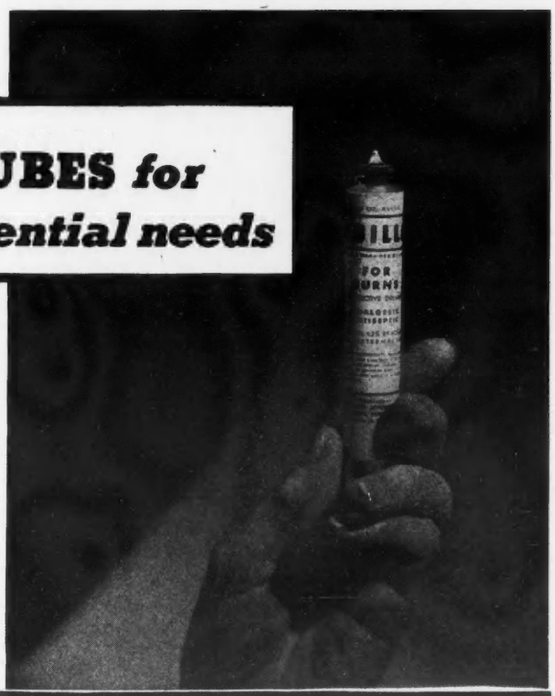

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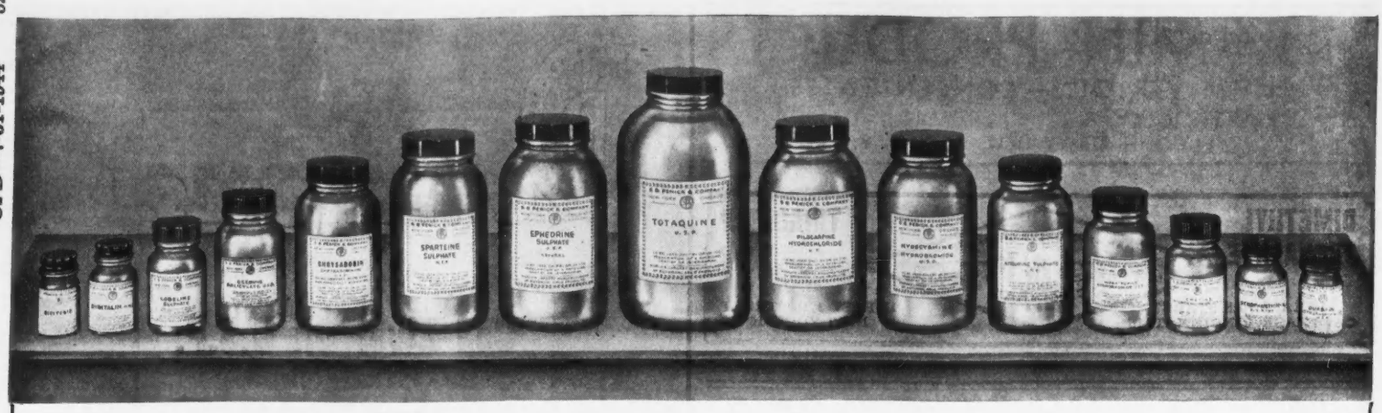

Atropine U.S.P.
Alkaloid and Sulphate

Homatropine
Hydrobromide U.S.P. and Hydrochloride

Atropine and Homatropine are two items which caused considerable anxiety in the critical period when supplies were shut off at the beginning of the war. Both items were formerly imported from Europe, and users had largely become accustomed to depending on European sources for their supplies.

It is a matter of record that in the early days of the war, the Penick Laboratories, because of foresight, manufacturing experience and planned facilities, became suppliers of substantial quantities of Atropine and Homatropine for the armed forces and for recognized commercial use.

As a result of earlier planning for necessary crudes, sufficient supplies of these important drugs are now available, and adequate material actually in our possession indicates that no further interruption of supply need occur. This also includes Hyoscyamine and its salts.

We appreciate the cooperation of our friends in having so loyally supported our Atropine and Homatropine programs. . . . At present, we are ready to accept contracts for a six months period.

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Cinchonidine
Cinchonine
Colchicine, U.S.P.
Colchicine Salicylate
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Diethylstibestrol Dipropionate
Digitalin (so-called German N.N.R.)
Digitonin
Elaterium
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Eserine Salicylate, U.S.P.
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Homatropine Hydrobromide, U.S.P.
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Podophyllin, N.F.
Quinidine
Quinine
Quassin
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Sanguinarine Nitrate
Sanguinarine Sulphate
Santonin
Saponin Depurated
Scammony Resin, N.F.
Scopolamine Hydrobromide, U.S.P.
Sparteine
Sparteine Camphosulphonate
Sparteine Sulphate, N.F.
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ALKALOID EXTRACTING MANUFACTURERS

Botanical Drugs, Spices, Gums

The market for botanical drug consumption was hardly warm during the past week. Activity was below the simmering point and sales were in small lots that, when totaled, still left figures more suggestive of jobbing than of any other sort of trading. However, the fact that stocks are far under normal, and the further one that they cannot reach anything like normality by the end of the collection season, made for a market basically strong.

Scarcities were current to the extent of being an abomination. Despite same mighty vigorous attempts to stimulate collections, the fact remains that those normally engaged in collections are farming, working in factories, or are just plumb uninterested in the labor of collection for the good and sufficient reason that they have enough money in pocket, and more than enough in sight against future needs. It is proving highly difficult to persuade former workers now so well provided for to go forth and dig, peel, pick or cut such needed items as aletris and helonias roots, scullcap herb, black haw tree bark, elm bark, pink root, and lady slipper root—to cite a few specific examples of real shortage.

The fact that the German government suppressed the revolt of top members of the German army general staff pulled up sharply much of the talk about the war being virtually won. About the only really encouraging sign was the amazing progress of the Russians, a progress that, when the Germans are thrown out of Italy, may bring liberation of the European botanical drug collection centers. But the considered views of sound thinkers was that the restoration of botanical drug imports from Europe are a long way off, and that even total victory will hardly be celebrated by the prompt resumption of exports from European ports.

Balsams

Copaiba. — Undertones were reported to be steady to firm. Demand was moderate, consisting usually of quantities not exceeding jobbing size.

Fir.—The market was routine as to movement into consumption, but very steady in the matter of prevailing prices. Little local competition was noted.

Barks

Black Haw.—New crop stocks accumulate and moderately. They are slowly being obtained at price comparatively high for the collection season. No oversupply is in sight.

Cascara Sagrada.—Further information concerning Canadian bark in British Columbia states that the available supplies are practically in the hands of two factors, one getting about 80 percent of the collection and the other about 20 percent. By agreement, the two cooperate to take care of the domestic market which requires about 300,000 pounds a year. Another interesting sidelight is that a concern who last year collected about 18 tons has not more than 5 tons in sight for this year; another that collected 3 tons a year ago is expected to peel not more than 1 ton this year. Practically all bark is collected in the Fraser Valley and the Duncan district of Vancouver. Large quantities of bark go uncollected because of prohibitive coastal rates and no organization to gather it. The bark is in the neighborhood of small logging hamlets that have no feed crops and are sparsely settled.

Beans

Vanilla.—Conditions now prevailing fail to suggest that the unsold stocks of beans of all kinds and descriptions will be more than moderate after deliveries against existing contracts have been made. Considerable forward delivery trading has earmarked much of the supply destined for this country. At the moment, dealers are disposed to go somewhat slow in taking on further larger quantity orders for future delivery, being faced with a situation which makes positive ascertainment of actual cost of goods to arrive later a highly difficult problem. Sales made now could, conceiveably, result in definite loss to sellers if, as seems likely, their first costs are found actually to be higher than first estimates.

Berries

Hawthorn. — Extremely limited stocks reported but at the moment little demand was reported.

Raspberries. — Primary market prices are running higher than normal at the new crop season and hence there seems, at this time, little chance for spot values to move substantially in favor of the manufacturing consumer.

Flowers

Clover.—Some fair collections of this article have been reported but no important surplus of supplies is in sight at the present time and first cost average fairly high.

Elder.—Although there have been some importations of elderberries from Spain, no arrivals of elder flowers from that source have been reported. Domestic collections will, apparently, be the backbone of supplies.

Gums

Arabic.—Spot stocks were reported plentiful and conditions were more favorable to buyers than sellers. Prices were not openly reduced further but they continued to be fairly easy at 11½c. to 12c. per pound.

Mastic.—War reports mention revival of Allied activity in the islands off the coast of Turkey not too far away from the island of Chios from which comes this gum. Liberation from the Germans seems now to be in the cards.

Herbs and Leaves

Belladonna.—Steady in price and reserves protect probable needs of consumers well into the future.

Laurel.—Portuguese material reduced to 19¼c. to 19¾c. per pound.

Sage.—No further offerings of the Pacific Coast Dalmatian type of this article made on this market at any terms. Leucophylla, July-August, on the Pacific Coast, 55c. to 56c. per pound. Fair quality Cyprus reduced to 17c. to 17½c.

Senna.—Definitely on the side of substantial strength in the matter of prices generally.

Scullcap.—Reports concerning collection are generally adverse. Scarcity seems likely during the next consuming season.

Miscellaneous

Lycopodium.—There is spot talk about a weaker primary market but the talk is out of line with the last received information from first hands at the source of supply. Unless a fair return is assured collectors, the item is likely to be passed by.

Market Trends

Prices Advanced

Drugs

Goldenseal root, $1 per lb.
Sarsaparilla root, Mexican, 1c. per lb.
Senega root, 10c. per lb.

Other Articles

Celery seed, ¼c. per lb.
Clove, Zanzibar, 2½c. per lb.
Mustard seed, Montana, yellow, ½c. per lb.

Prices Reduced

Drugs

None

Other Articles

Allspice, Mexican, ½c. per lb.
Laurel, Portuguese, ¾c. per lb.
Paprika, Portuguese, choice, ½c. per lb.
Pepper, red, chillies, Mombassa, ½c. per lb.
Sage, Cyprus, good, 1c. per lb.
fair, ½c. per lb.

Comparative Price Indexes

Botanical Drugs

(100=August 1, 1914)

Last week.	Prev. week.	Last month.	Last year.
251.3	242.8	245.1	260.5

For Current prices see alphabetical listing beginning on page 9

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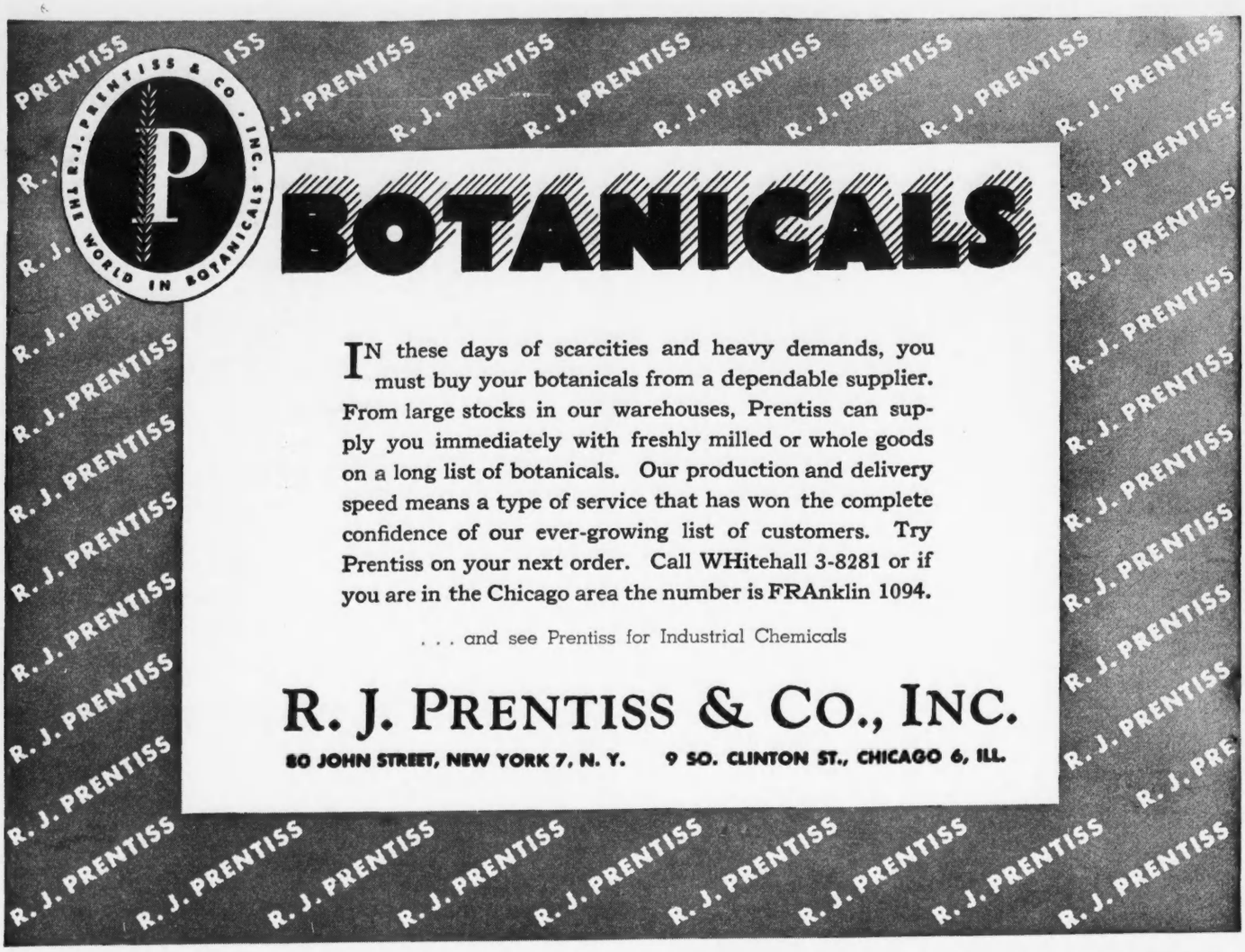
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Papain.—Some crude material was reported offered at $1.75 per pound. Powdered stood at $2.25 per pound as a minimum figure.

Roots

Aletris.—Dealers state that reserves of this article are likely to be comparatively low when consumption is resumed. Nothing like a normal supply is a reasonable prospect.

Goldenseal.—Not much is obtainable locally and a market at $7 to $7.50 per pound for whole, $7.25 to $7.75 for powder has overtones that suggest the close approach of a nominal position.

Helonias.—The best efforts of regular dealers have not succeeded in building up much of a stock reserve against consumer needs of the future.

Sarsaparilla.—Sold at 19½c. to 20c. per pound for the Mexican root and reported showing signs of an increase in market strength.

Senega.—Spot market called $1 to $1.05 per pound with some expressing the conviction that the market will go higher when demand presses against the moderate stocks in hand at this time.

Skunk Cabbage.—Some new crop root has come to hand and is offered to buyers on the basis of 40c. to 45c. per pound. Possible a shade less might be done with an order in hand.

Seeds

Celery. — Fractionally higher at 19¼c. to 19¾c. per pound and still priced at levels considered too low when compared with present replacement costs.

Coriander. — The government agency for negotiating the purchase of Morocco seed in the primary market, has reported that seed is now at a Moroccan port and may be sent forward soon. It has advised those who have bought to get their letters of credit extended.

Mustard.—Lack of rain begins to worry the Montana farmers who cultivate an area as large as the state of New York. Montana yellow seed was advanced spot to 11½c. to 12c. per pound.

—*Continued on page 62*

Hopkins & Co. Engages Belth, a Chemotherapist

J. L. Hopkins & Co., New York, specialist in crude drugs, has added George Belth to its staff of experts, in the capacity of chemical engineer and general assistant to the president.

Mr. Belth was for many years connected with Associated Chemical Laboratories. More recently he has been associated with Dr. H. L. Shoub, New York, as consultant. In recent years Mr. Belth has specialized in the field of chemotherapeutics and has several inventions to his credit. A graduate of Columbia University, where he received the degrees of bachelor of arts and chemical engineer, Mr. Belth is a member of the American Chemical Society and of the American Legion.

Toxic Dusts Standards Broadened by A.S.T.M.

The American Standards Association has just approved a new American Standard, setting a safe limit for allowable concentrations of formaldehyde. This is the sixteenth in a series of standards developed through the American Standards Association to set safe limits for the presence of toxic dusts and gases in the air of work places.

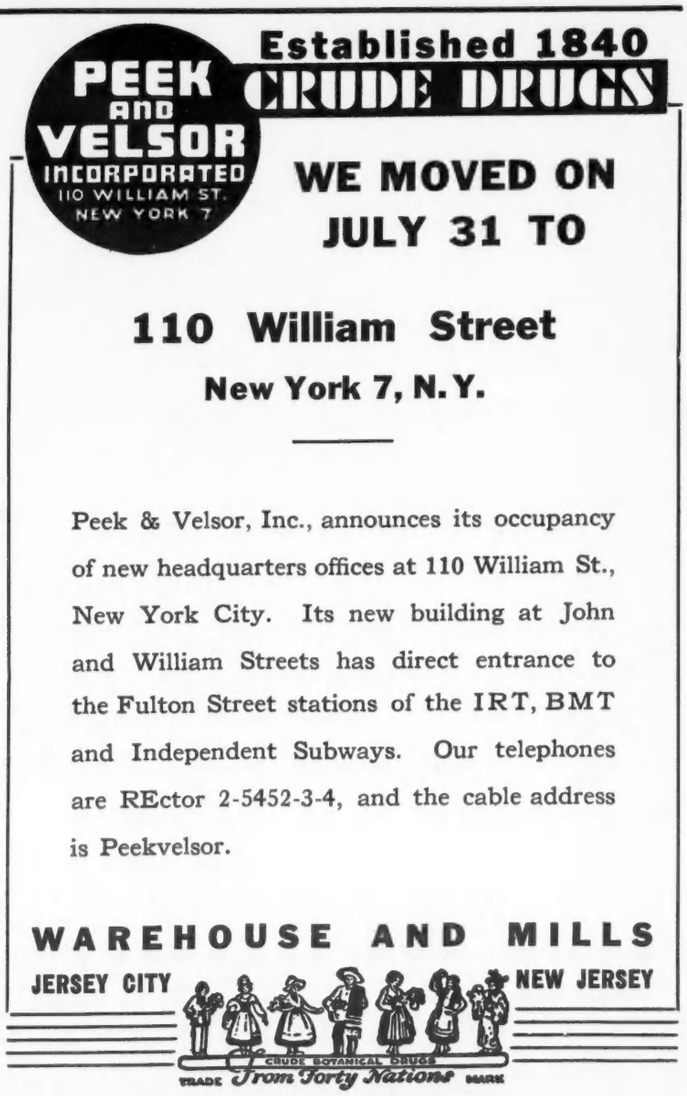
Drug, Cosmetic Plant

—Continued from page 3

There have been a number of court injunctions proceedings brought in the past by the FDA against food packers for carrying on their operations under filthy conditions, and there also have been several similar actions brought against cosmetic manufacturers. This is the first time, however, that a drug manufacturer has been forced to face the court for violation of the section.

Glyceryl Monostearate Available

The Beacon Company, chemical manufacturer, Boston, Mass., announces the immediate availability of 'Bemul," a pure white, edible, glyceryl monostearate in bead form which is dispersable in hot water.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Essential Oils, Other Aromatics

Developments of interest continue to center on the position of lemon oil, now and in the future. Consequently, the announcement of two meetings of the trade with representatives of the War Food Administration held much interest from the standpoint of shortage being relieved by the further importation of oil from Italy. Incidentally, it is just a year since United States troops landed on Sicily, main producer of lemon oil, and September 3 will be the first anniversary of the invasion of Calabria, Italy.

The first meeting was between WFA and the essential oils industry advisory committee, scheduled for July 28 and preparatory for the second meeting scheduled for today between WFA and importers of lemon oil and to be held at ten thirty in the morning in room 1001, 150 Broadway. The official notice of the second meeting stated that importers were asked to attend that they might be of assistance to WFA in making recommendations for the distribution of lemon oil, if and when available by importations through government agencies. The notice did not mention bergamot oil as being also on the agenda.

Stocks of cardamom and celery oil have gained as the result of replacement operations and spot goods were available at prices sharply below the quotations of prominent sellers in recent weeks. Cedarwood was reported to be an oil hard to secure and available only at much higher prices. Sage was also slightly higher with sellers showing a modicum of reserve. Wormwood was virtually extinct on this market and it was said that much of the potential production has been engaged direct with the producers by the few in number of large users of the article.

Peppermint distillation has started in Indiana where some damage by adverse weather was said to have affected the crop but where, also, a fair prospect was in sight. Elsewhere in this issue will be found an account of a method of determining just when mint should be harvested to the greatest advantage.

Market Trends

Prices Advanced

Cedarwood, 25c. per lb.
Sage, 10c. per lb.
Wormwood, 15c. per lb.

Prices Reduced

Cardamom, $5 per lb.
Celery, $4.50 per lb.

Comparative Price Indexes

(100=August 1, 1914)

Last week.	Prev. week.	Last month.	Last year.
262.6	262.2	262.3	245.9

Essential Oils

Angelica.—Spot stocks of root oil turn up at $140 per pound. No seed oil known to be available.

Anise. — Spot market considered purely nominal and a minimum price would be $4 per pound if anything were to appear on the market.

Apricot Kernel.—Very firm in all respects with stocks being reported definitely conservative on spot and held at firm prices at the source.

Bergamot.—Still nothing announced concerning the Italian oil reported bought by the Army and in Italy awaiting shipment to this country. Brazilian oil stands at about $10 per pound.

Birchtar. — Practically all former supplies report no stocks in hand and none in sight.

Bois de Rose. — Firm in undertone and offered sparingly in the open market. Most goods purchased in the primary market are said to be earmarked for manufacturing consumers before arriving here.

Cananga. — Strongly held. Limited quantities alone are available and prices have a distinctly upward tendency. Not much demand at the moment.

Cardamom.—Some lower cost replacement oil has come on the market and quotations were made at a minimum of $19 per pound. As recently reported, the cost of raw material has declined substantially of late.

Cedarleaf.—Very firm. Until new production is offered more freely, limited spot stocks appear to be inevitable. Demand moderate.

Cedarwood.—Under competition in a thoroughly shopped market, the minimum price at which oil could be obtained was declared to be $1 per pound.

Celery.—With raw material much cheaper of late, replacement oil has appeared on the spot market at a price reported to be minimum at $19.50 per pound. The supply was reported to be very fair sized.

Citronella.—Holding very steady on spot where stocks unsold at the present time are not too ample. Much of the oil arriving from time to time has been sold into consumption prior to that event.

Clove.—Steady. Demand not expansive but reported to be sustained at recently fair sized volume. Prices appear to be well stabilized.

Coriander.—The government agency that for over a year has had charge of negotiations for coriander seed to come forward has informed potential buyers that the seed has reached a Moroccan port and is apt to be sent here in the not distant future. There is very little oil here now.

Dill.—Dealers reported that any seed oil available would command $10 per pound. The weed oil remained quiet and prices favorably for further forward delivery business.

Eucalyptus.—There was not much hope for a replacement of stocks in quantities sufficient to break the present drought. Reports indicate that some former users are using some kind of a substitute.

Lemon.—Dealers in this oil will meet with a representative of the War Food Administration on July 31 for the purpose of discussing a plan for the distribution of Italian lemon oil recently imported here. The official notice stated that the dealers' assistance sought was for the purpose of making recommendations for the distribution of lemon oil if and when available by importation through governmental agencies. Since the recent importation has been reported destined for use only in products required by the armed forces, the feeling was that any recommendations made would be for the distribution of further arrivals.

Nutmeg.—Offerings of this oil were again in the market, moderate quantities being offered consumers on the basis of $5 per pound. The producers price limit under the GMPR was, presumably, $4.50 per pound in quantities.

Orange.—The market was exceptionally firm and subject to a very good request that throttled the development of any important amount of competition. The available supplies were not excessive in size, a fact that contributed to the obvious strength of prevailing quotations.

Peppermint.—The Bureau of Agricultural Economics reported that the harvest of the peppermint crop in Indiana has started. It also said that the crop had been damaged some by adverse weather, but also that the prospects were still favorable.

Petitgrain.—Holding strong in price and reported in very moderate supply. Not a great deal of material is believed likely to come forward from the primary market in the nearby future, the trouble being one of shipping.

Rue.—The market was declared to be purely nominal, since it was almost impossible to locate even the smallest sized quantities.

Sage. — The market was slightly higher at $3.60 per pound minimum, but the general position of the article showed little real change, and demand was fair.

Tansy.—Until some farmer in the middlewest runs some tansy through his still, the spot market will continue virtually bare of supplies and definitely nominal so far as prices are concerned.

Wormwood. — Most dealers report none in stock at this time. The market was considered to be nominal. Some felt that direct sales of producers to the few very large consumers would account for the total of production this year.

Aromatic Chemicals

Linalool.—In very moderate supply. Numerous former distributors lack

For Current prices see alphabetical listing beginning on page 9.

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MANUFACTURERS OF AROMATIC CHEMICALS, NATURAL DERIVATIVES, PERFUME AND FLAVOR OILS

supplies. Market shows pronounced strength in undertone.

Menthol.—Market remains almost bare of prompt delivery material. Believed that most of the Brazilian goods bought at prices above $15 per pound have reached this country. Most went direct to consumers.

Methyl Acetophenone.—Many report nothing in hand at present. Few have more than the most moderate-sized reserves. Very firm.

Methylhexyl Ketone.—Firm in all respects. Prices usually at governing ceilings. Demand moderate.

Methyl Salicylate.—Production fully engaged, leaving little for open-market transactions. Undertones very firm. Output controlled by availability of raw material, the same not being increased for a long time past.

Musk.—No surplus of supplies in any quarter. Production well engaged ahead. Strong position generally reported in all quarters.

Phenylacetic Acid.—Conservative supplies keep prices firm under the added influence of very fair consuming request.

N.Y. BIMS Golf

BIMS of New York, a social organization of buyers, importers, manufacturers and salesmen, held a golf outing at the Winged Foot Country Club July 25. Among the winners of the $200 in war bonds and stamps were:—

John V. Cavalero, of Stelz Company, Inc.; R. Rooks, of Avon Products; Robert A. Kramer, of Evans Chemetics, Inc.; Ray F. Ougheltree, of the Zonite Products Corporation; Frank A. Nicholson, of the Richardson Taylor-Globe Corporation; James A. Leyden, of the Hampden Glazed Paper & Card Company; G. W. Sands, of Richard Hudnut; Alec J. Dedrick, of van Ameringen-Haebler, Inc.; Harris Whitaker, of the Elizabeth Arden Sales Corporation; Paul Miller, of the International Cellucotton Products Company; Russell Boland, of *Drug Trade News*; K. L. Patterson, of Stanco, Inc.; Pierre Harang, of the Houbigant Sales Corporation; John E. Gabrielsen, of Allied Products, Inc.; David J. Stewart, jr., of Yardley & Co.; Sewell H. Corkran, of E. N. Rowell Company-A. H. Wirz; William H. Green, of the Addison Lithographing Company; Charles Mooney, of Elizabeth Arden; Dudley Shaw, of the Allen B. Wrisley Company; Edward A. Bush, of Bush Pan America, Inc.

Effervescent Products, Inc., Elkhart, Ind., has changed its name to Ames Company, Inc.

Peppermint Oil-Content Test Simplified

A new test for determining the time for harvesting peppermint to obtain the highest yield of oil has been developed at the Purdue University agricultural experiment station. It is characterized by simplicity of equipment and procedure, according to N. K. Ellis, L. J. Swift, and M. H. Thorton, who describe it fully in mimeograph No. 3 of the department of horticulture, published in June.

The bases of the test are (1) that the oil yield of mint is highest when the free menthol content of the oil approaches 45 percent, and (2) that, as the menthol content of the oil increases, the viscosity of the oil increases. The testing is for viscosity, the equipment being a viscosimeter with a rubber hose attached, thermometer, pipette, rubber bulb, and watch. The set is calibrated and is provided with curves, the apparatus being made by a Chicago house.

Oil is distilled from a representative sample of mint, the distillation being fully completed to assume full content of menthol. This content is indicated on the curve on the basis of viscosity when the oil is tested. If it is below 41 percent, the mint is not yet ready to cut. Tests at intervals of two to five days are to be made, and when the menthol content is 45 percent or more, the mint should be cut immediately.

Schimmel to Close For Vacation Period

The office and laboratory of Schimmel & Co., New York, will be closed during the period beginning August 5 and ending August 20. This is being done in order to give the employees a vacation. Customers have been advised that shipments will not be made during that time, and their assistance is asked in placing orders well in advance of the vacation period, so that they will have sufficient stock of Schimmel products on hand.

Citric acid crystals production is now under way in Brazil at the Fazenda Amalia plant of I. R. F. Matarazzo. The daily output of 400 kilograms is expected to be increased soon; capacity production will eventually reach 1,000 kilograms.

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Petroleum Derivatives

Civilian needs in gasoline, fuel oils, lubricating oils, naphtha specialties and liquefied petroleum gases are now being met only with the remnants, left over after the voracious appetite of the war's requirements has been satisfied. Rightfully the "first table" at the petroleum derivatives supply feast is reserved exclusively for the military and lend-lease guests and, when they have been glutted, there is only a modicum of residue for the non-military diners.

Thus, although domestic production of crude oil has been stepped up to an unprecedented daily rate, it is proving insufficient for both war and essential industry demands and the output of the domestic refineries and petroleum chemical plants is being drained off into the European invasion's mechanized activities to such an extent that many privately-owned industries are going begging for supplies of the principal petroleum derivatives.

In the Midwest, the refineries are still clamoring vainly for enough crude oil to operate their fractionating plants to capacity on civilian end use products and, on the East coast the shortages of ordinary motor fuel and fuel oil are growing more acute daily, although the total production of both has reached peak levels, chiefly because of a lack of facilities for conveying these products to the Atlantic seaboard, resulting from the diversion of fleets of tankcars, pipelines and inland waterways to the movement of war supplies.

The Foreign Economics Administration reports that lend-lease exports of petroleum products from the United States for the period from March, 1941 to May, 1944, have consisted of $661,000,000 worth to the United Kingdom, $38,000,000 to Soviet Russia, $63,000,000 to Africa, the Middle East and the Mediterranean area, $149,000,000 to China, India, Australia and New Zealand, and $8,000,000 to other countries.

Solvents and Diluents

Aromatic Solvents. — Steadily expanding buying operations are reported in these high-solvency aromatic solvents in consequence of the substantial additions to the uses stated in Schedule B materials as permitted without the necessity of obtaining WPB authorizations and numerous reductions in the list of unallowable uses set forth in Schedule A of much-amended conservation order M-150. Although civilian use of xylol is still greatly restricted, processors of these solvents continue able to obtain a sufficient supply of xylene as a base for these products to meet all their current requirements.

Cleaners' Naphtha. — Still moving steadily into both military and civilian channels. Market steady.

Lacquer Diluent.—In brisk demand from paint and varnish makers, with supplies held down by the heavy takings of those engaged in war production work. Tone firm.

Mineral Spirit.—Sizable buying interest continues to be shown in this material. Prices well maintained.

Rubber Solvent.—Current production being absorbed, virtually in its entirety, by manufacturers of synthetic rubber. Strong undertone still prevailing.

Stoddard Solvent. — Both military and civilian dry cleaning operations continue to take up current output. Prices firmly held.

V. M. & P. Naphtha.—Paint and varnish makers are still making extensive purchases, with those engaged in war production work taking the lion's share. Market strong throughout.

Markets at Other Centers

Chicago, July 28.—Petroleum solvents and diluents are still making a firm market showing in this area. Inquiry is more extended, and orders continue to reach a high aggregate.

Los Angeles, July 28.—Current trade requirements of the receivers of the high solvency aromatic naphthas, formerly under allocation, are getting along fairly well, but the acute situation is by no means approaching an end. Paint thinners continue to move out rapidly and the call for products in class B apparently knows no bounds.

Market Trends

Prices Advanced

Gasoline, premium and regular grades, tankwagons, Dixon, Ky., 1½c. per gal.

Prices Reduced

None

Lighter Fractions

Butane.—With the bulk of all gasoline-making operations devoted to the production of high-octane "gas," the current takings of this light hydrocarbon for the purpose of fortifying the chemical mixture creating aviation motor fuel have become so heavy that, together with those of the synthetic rubber makers, they are draining the current output of this liquefied petroleum gas to the extent of leaving little or none for civilian uses. Market strong throughout.

Heptane.—Continues in good demand. Tone steady.

Hexane.—Moving steadily into consuming channels. Prices well maintained.

Octanes.—Buying interest constantly growing. Market strong.

Pentanes.—Movement on military account reaching larger proportions daily. No change in price structure.

Propane.—The same conditions as those noted in butane prevail throughout the market for this liquefied gas.

Petrolatums and Waxes

Amorphous Waxes. — Under the leadership of the standard process types, these waxes continue to move steadily into consuming channels. Tone steady.

Paraffin.—Crude scale being taken on a steadily expanding scale by government agencies on lend-lease account and are hence in only moderate supply. A shortage of most refined grades is still reported.

Petrolatums.—Buying interest continues to reach a fair volume in USP, veterinarian and technical grades, with prices well maintained throughout the list. Market stable.

White Mineral Oils.—Still moving in relatively small lots, with small suppliers continuing to sell at levels somewhat under those named by the leading producers, who decline to meet this competition.

Fuels and Lubricants

Crude Petroleum.—The daily rate of domestic production of crude oil has been stepped up to the highest level yet attained. Almost simultaneously with PAW's recommendation for a daily average of 4,606,100 barrels for August, domestic producers swelled their daily yield for the week ended July 22 to 4,615,450 barrels, or 13,100 barrels more per day than that recorded for the previous week.

PAW has requested that 2,000 tankcars be diverted immediately from civilian asphalt service to hauling crude oil from Gulf coast fields to Midwestern and Atlantic seaboard refineries. This government agency has also announced simplification of restrictions on the use of critical materials in petroleum refining and transportation operations throughout the United States.

Gasoline. — Control of high-octane aviation gasoline and its components has been tightened by PAW and the Aviation Petroleum Products Allocation Committee, through the issuance of petroleum directive 77, effective July 24, and the revocation of recommendations 8 and 16.

PAW has also announced that the base period to be used in determining the quantity of premium gasoline that may be manufactured west of the Rocky Mountains (in PAW district 5), for civilian consumption, has been changed from five months to three months.

Announcement has also been made by OPA that E-2 and R-2 non-highway gasoline coupons are now being issued to farmers and other non-highway users and will be valid concurrently with the E-1 and R-2 coupons now in circulation.

Fuel Oil.—To expedite the administration of the civilian fuel oil program, PAW and OPA have announced a new method by which these two agencies will administer certain phases of this program. This action, however, has no effect on the end result of the program, such as the size of the rations, inasmuch as only the responsibilities of the two agencies are involved in the change.

Six sets of ceiling prices have been announced by OPA in the old regulation establishing maximum prices for fuel oil, gasoline and liquefied petroleum gas, but each of these ceilings affects only a separate and particular part of the country. All of them become effective July 31. The only important change in the lot has been a markup of 1½ cents a gallon in the tankwagon ceiling price for gasoline, both premium and regular grades, in Dixon, Ky.

For Current prices see alphabetical listing beginning on page 9.

A.P.I. Cancels Annual Convention

American Petroleum Institute has decided to defer indefinitely its twenty-fifth annual meeting scheduled to be held in Chicago November 13 to 16. The decision was made in order to comply with the curtailed travel request of the Office of Defense Transportation.

WPB Rubber Office

—Continued from page 5

also had been indorsed by War Mobilization Director Byrnes.

Mr. Dewey said that the synthetic plants now are producing rubber at the rate of 836,000 tons a year, which compares with prewar natural rubber imports of between 550,000 and 600,000 tons annually. The major problem now facing the industry he said is that of manpower for production of heavy duty large-size truck and bus tires. While the materials are available, manpower is not, he stated. Less than 6,000 additional workers—about half the number to be strong, husky men—stand between the present shortage of tires and ability of the industry to meet requiremtns.

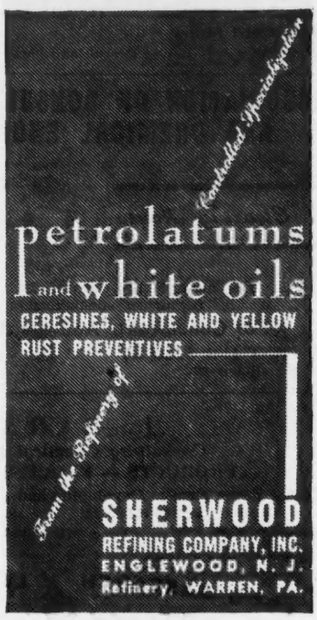
According to the latest progress report, 209,004 long tons of synthetic rubbers were produced during the second quarter, of which 186,035 tons were Buna S, bringing the total output for the first half of the year to 376,087 tons and achieving an annual rate of 836,000 tons. He said that a stockpile of over 100,000 tons of crude rubber remains and the inventory of synthetics has been built up to 104,000 tons.

Next year, he estimated, production will reach 921,500 tons, consisting of 780,000 tons of Buna S, 55,100 tons of butyl, 67,000 tons of neoprene and 19,400 tons of Buna N.

J. E. Lindroth has been elected secretary of the executive committee of the Standard Oil Company (N.J.). He succeeds A. C. Minton, who has been made secretary.

Independent Petroleum Ass'n Cancels Dallas Meeting

The Independent Petroleum Association of America has cancelled its annual convention scheduled to be held in Dallas, Tex., August 23 to 25, according to Ralph T. Zook.



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N.J. Standard to Merge Louisiana Standard

An agreement has been reached between the Standard Oil Company of Louisiana and the Standard Oil Company of New Jersey to consolidate the two companies into one corporation at the end of the current year, according to M. J. Rathbone, president of the Standard Oil Company of New Jersey.

The Standard Oil Company of Louisiana is now a wholly-owned subsidiary of the Standard Oil Company of New Jersey.

No material change in the organization at Baton Rouge, La., present headquarters of the Louisiana company, is planned. The same local management will continue to handle the affairs of the company in the Louisiana territory.

M. J. Rathbone, for many years president of the Standard Oil Company of Louisiana and who recently was elected president of the Standard Oil Company of New Jersey, will head the consolidation of the two companies. M. W. Boyer, executive vice-president of the Louisiana company, will become a vice-president of the consolidated company and will continue to be located at Baton Rouge. Sales activities will continue to be directed as at present.

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Ziegler Names Buffalo Agent

G. S. Ziegler & Co. has appointed James O. Meyers as its Buffalo, N. Y., representative. The Ziegler company produces stearine and cottonseed pitch, gilsonite, natural asphalts and pitch compounds.

Lard from 7,000,000 hogs or tallow from 3,000,000 cattle would be needed to replace the 230,000,000 pounds of used fats American women are asked to turn in for war use.

Fertilizer Materials

Basic fertilizer materials commanded more attention from buyers last week. There seemed to be a growing fear of a possible shortage in nitrates due to belief of a greater consumption for war production uses. Aside from this, restrictions placed on ammonia liquor for fertilizer use have stimulated the demand for ammonia sulphate and the compounds A-N-L and calnitro. Underneath the surface, it was apparent that the general supply position was becoming tighter. The situation has been aggravated to some extent by the shortage of tank cars. In an effort to prevent the shortage from becoming acute, WPB has urged the prompt return of tanks. The nitrogen unit states that some fertilizer manufacturers are holding cars of ammonia solutions on their tracks for unreasonably long periods awaiting arrivals of superphosphate or for some other reasons. Officials have advised that they will be forced to refuse further shipments of solutions to mixers unless the practice is discontinued.

During the year just ended, the fertilizer plants of the country have delivered to farmers the largest tonnage of commercial fertilizer and fertilizer materials in the nation's history. This was accomplished through the willingness of farmers to buy ahead. The government hopes this plan will be followed throughout the coming year.

OPA has announced a simplified retail schedule of uniform dollars-and-cents ceiling prices on mixed fertilizers, superphosphate, potash and nitrogenous materials. The general national level of fertilizer prices is not increased by this action. They are higher in some sections of the country and lower in others.

Nitrogenates

Ammonia Nitrate.—A discount of 6 percent was reported for August shipments of domestic ordnance material. The base price is $50 a ton, works, so the market will be $47 a ton. This is an increase of $1 a ton over the June and July figure.

Ammonia Sulphate. — Shipments have been heavy enough to tax production and keep the available supply at a relatively low level. Material has been routed under WPB regulations. Demand has increased owing to the restriction on ammonia liquors.

Bone Meal.—Some material offered in the West at prices not attractive to buyers. Inquiry from feeders was moderate and the market has assumed a relatively quiet position.

Castor Pomace.—Buying conditions have not improved and it is doubtful if any sizable lots could be found for August shipment. Production was reported under contract well into September.

Cottonseed Meal. — Reports were current to the effect that the governments of Brazil and Peru had placed an embargo on exports. This material is required for feeding purposes in both countries.

Dried Blood. — Occasional sales reported at ceiling levels to feeders although demand could not be described as urgent. Arrivals were held for feed requirements and not fertilizer use.

Soda Nitrate. — July prices for American variety will be extended for August shipments. Agricultural demand has followed seasonal lines with the industrial call broadening in anticipation of future requirements.

Tankage. — Moved along mostly at ceiling prices. Reports were heard that some sales in the West had been made at ceiling prices delivered instead of f.o.b. Importations have been routed into feed channels.

Urea.—WPB has made revisions in the existing order regulating the use of urea in mixed feed. The text of the revision will be found on another page of this issue.

Phosphates

Phosphate Rock. — Acidulators continued to call for heavy shipments of this material and the movement from mines has shown no relaxation. Efforts of manufacturers of superphosphate to meet the enlarged program suggested by the government would seem to indicate a heavy demand for phosphate rock throughout the year.

Superphosphate. — Production continued as heavy as the supply of manpower would permit. Rock deliveries have come in steadily and the sulphuric acid supply seems to have improved over that of a year ago. Last year acid appeared to be the controlling factor in the situation while this year it is manpower. No improvement in buying conditions could be noted in triple - superphosphate. Lend - lease shipments have continued to pinch the supply for domestic use.

Potashes

Production of muriate, manure salts and sulphate have continued to show a satisfactory gain over a year ago. While allocations have been met in full, reports are heard that some mixers could use more if they could get the material. The impressive output showing as revealed by figures for the first quarter of the calendar year, indicate a prospective high record for yearly production.

Sulphur and Pyrites

Heavy shipments of sulphur have continued in order, to supply a broad industrial demand as well as war-production requirements. The supply situation was adequate to satisfy all demands without difficulty. Spanish pyrites remained quiet with activity depending upon the ability to secure shipments from foreign supply sources.

Markets at Other Centers

Atlanta, July 28.—Vacation period finds the fertilizer material market quiet. Operations of plants and mines are, however, reported as active as the labor supply will admit. The labor situation is reported unchanged with great difficulty experienced in getting new workers. Supplies of potash and superphosphate are reported fairly constant. Some nitrogen materials remain the limiting factor in producing base materials. The future market for fertilizers are reflected by crop conditions in the South is not considered very promising. Fertilizer manufacturers, however, see brighter prospects as a result of discontinuing crop classifications and limitation of fertilizer applications, particularly as they apply to cotton.

Baltimore, July 28.—Triple A having asked for tenders 1,250,000 tons of superphosphate, opened bids last Monday. The total did not aggregate more than 91,300 tons. Trading quiet in fish scrap. The week's catch of menhaden was smaller on account of unfavorable weather conditions. Tankage and dried blood remained in good demand for feeding purposes.

Chicago, July 28.—The livestock supply is reported holding up well in volume, indicating that supplies of various grades of nitrogenous fertilizer materials are in substantial volume. Offerings, however, are not sufficient to depress values to any considerable extent. Tone of the market thus was fairly good. Blood was in good call. Tankage business was moderate. Bone materials held their own.

Los Angeles, July 28.—Market continues quiet here with the organics picture at a standstill, and only minimum amounts of ammonia nitrate coming through from production point. Nitrate of soda allocations have yet to be made, and mixers here hope for some shipments by September. Fish meal market held unchanged with an urgent demand, but with no spot stocks; manufacturers also unwilling to contract new crop meal for future shipments. Market quotations were:—Fish meal named at $77.50 per ton in cars for 67 percent protein California sardine meal, f.o.b. production plant, plus $2 merchandising charge. Nitrate of soda, $33 per ton in 100-pound bags, $32.40 in 167-pound bags, with the bulk lots at $30, f.o.b. San Pedro. Potash muriate, 53½c. per unit, ex vessel basis, less 8c. per unit, f.o.b. Trona basis.

Market Trends

Prices Advanced

None

Prices Reduced

None

Comparative Price Indexes

(100=August 1, 1914)

Last week.	Prev. week.	Last month.	Last year.
71.8	71.8	71.8	71.8

For current prices see alphabetical listing beginning on page 9.

Domestic SULPHATE of AMMONIA AND AMMONIA LIQUOR
MADE IN THE U.S.A. — Barrett NITROGEN
THE BARRETT DIVISION
ALLIED CHEMICAL & DYE CORPORATION
40 RECTOR STREET • NEW YORK 6, N. Y.

FERTILIZER MATERIALS
Conditioners and Fillers A Specialty
THE DICKERSON COMPANY
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SUNSHINE STATE POTASH
PRODUCT OF NEW MEXICO U.S.A.
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62/63% K_2O ALSO 50% K_2O
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This Trade Mark GROWS MORE and MORE IMPORTANT

Steadily the percentage climbs ...more and more of the 60% MURIATE used by the fertilizer industry and by agriculture is PCA's Red Indian brand.

31.4% was Red Indian in '40-'41
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Of the increased supply of 60% MURIATE going to agriculture since imports stopped, 73% has been supplied by PCA alone.

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OPD—7-31-1944 59

FMC

Manpower Shortage Can Be Licked With FMC EQUIPMENT

VACUUM PANS AND STILLS

1—Copper Jktd — 36″x29″—agitator.
1—Copper Jktd. 33½″x35″—agitator.
1—Copper Jktd. and Coiled—42″x48″ — with gooseneck, jet condenser, etc.
1—Copper Pan—same as above—54″x52″.
1—Steel Hor. Still—5′x12′4″—with steel tubes—70 sq. ft. heating.
1—Copper Column — 27″x23′ high.

PROCESSING KETTLES

1—Fredericking 1500 Gal. Jacketed and agitated Cast Iron—8′x4′.
5—Cast Steel 1000 Gal. Jacketed and agitated closed manhole type—4′6″x9′;—underdriven, geared agit.
1—Steel 700 Gal. Jacketed and Agit. — 5′x5′—closed, manhole type.
78—Jacketed Kettles; copper, steel, aluminum, iron—up to 500 gal.

COPPER TANKS

1—8000 Gal. V. 13′x8′—flat bottom dished head.
7—Vertical 950 Gal. 4′x9′ Tanks or Percolators—Dished top and bott. manholes top and side—Vac. or Pressure — Other Copper Tanks 20 gal. to 375 gal.

CONDENSERS—EXCHANGERS

1—C. I. Westinghouse Surface Condenser; 485 Brass tubes—1000 sq. ft.
2—Alberger C. I. Surface Condensers; 920 Brass tubes—1520 sq. ft. each.
6—Devine Condensers—42 to 148 sq. ft.
1—Devine Preheater—24″x7′—100 lb. steam.

One 3000 Gal. Glass Lined VACUUM STILL
Sectional construction
55″ dia. x 23′ high—
Dished bolted dome—
Cone Bottom, with alum. coil.

16 OLIVER PRESSURE FILTERS
25½″ dia. x 63″ deep—
Ideal for chemicals, inks, dyes, varnishes, etc.

2 KELLY FILTERS
4′x10′—450 sq. ft.
40″x9′—250 sq. ft.

1 Sweetland Filter No. 8
28 leaves 2″ centers—280 sq. ft.

1 SPERRY FILTER PRESS
42″x42″ with
57 recessed plates—
center feed—open delivery.

2 Glass Lined 750 Gal. JACKETED TANKS
5′x5′6″
one with agitating
gear driven glass-coated
9 turn 4″ coil.

STEEL STORAGE TANKS

9—Horizontal 2000 gal.—4′x20′—dished ends.
1—Steel Pressure Tank—2800 gal.—5′6″x18′.
1—Hor. 4000 gal.—5′8″x21′—dished ends.

Other Storage Tanks Available.
10,000 gal.—20,000 gal.—50,000 gal.

HYDRAULIC PRESS

62″x62″—downward motion. Ram 24″ dia. 48″ long—with Worthington Hydraulic Steam Pump—5″x3¼″x7″.

What Have You For Sale?

FIRST MACHINERY CORP.
EAST 9th STREET AND EAST RIVER DRIVE
NEW YORK 9, N.Y.

Business Wants and Offers

RATES PER INSERTION—PAYABLE IN ADVANCE

Help Wanted and Positions Sought—Minimum $2.00, thirty-six words or less; 35c for each additional six words.

All Other Classified Advertisements—$5.00 thirty-six words or less; 85c for each additional six words or fraction.

Agencies Wanted

ESTABLISHED CINCINNATI firm would be interested in representing actual producers of chemicals or other raw materials used in various industries. BOX 271, Oil, Paint and Drug Reporter.

WELL ESTABLISHED drug distributor, New England, will consider additional lines for jobbers, department and drug stores. BOX 276, Oil, Paint and Drug Reporter.

Equipment Offered

PORCELAIN TANKS—300 each, 10-gallon and 6-gallon, ideally suited for storage or manufacture of chemicals, essential oils, etc. Bargain price. BOX 272, Oil, Paint and Drug Reporter.

Equipment Wanted

WANTED—Our expansion program requires additional equipment. We need iron and wood filter presses, jacketed kettles, mixer, pulverizer, dryer, etc. No dealers. Send your offerings to BOX 225, Oil, Paint and Drug Reporter.

WE WILL purchase immediately on favorable terms two French or Anderson screw-expeller presses provided that they are in good condition. If you have such equipment write or wire BOX 268, Oil, Paint and Drug Reporter.

WANTED—Heavy duty steam jacketed mixer, 500 gals. capacity or larger, horizontal shaft, ribbon type agitator, end outlet. Other types considered. Send full information to BOX 280, Oil, Paint and Drug Reporter.

Materials Offered

SEALRITE PAPER containers: 5,000 No. 5 size (6¾ in. x 3⅝ in.), $53.80 per 1,000; 15,000, No. 3½ (5 in. x 4-7/32 in.), $87.45 per 1,000; 15,000, No. 1 (3⅜ in. x 3 in.), $16.30 per 1,000, f.o.b. Rutherford, N. J. Write P. O. No. 85, Rutherford, N. J.

Materials Wanted

TO MANUFACTURERS and jobbers—Are you overstocked? We require immediately large or small lots many items, chemicals, pharmaceuticals, solvents, aromatics, waxes, other supplies. Submit offerings at once. Correspondence treated confidentially. BOX 226, Oil, Paint and Drug Reporter.

MORE THAN ENOUGH IS NEEDED

Keep Up Production With "CONSOLIDATED" Equipment

LIQUIDATION MACHINERY AND EQUIPMENT OF FORMER
CENTRAL SUGAR CO., Decatur, Indiana

1—Battery of 5—40″ BRONZE BASKET, Western States 1600 RPM. belt driven CENTRIFUGALS, ball bearing, water-cooled heads; mixer with Stevens mingler coil, syrup troughs, all supporting framework, unloaders.

1—Battery 6—40″ and 1 battery 4—40″ American Tool BRONZE BASKET, 1200 RPM., belt driven CENTRIFUGALS, plain bearings, mixer, supporting framework, syrup troughs, unloaders.

1—12,000 sq. ft., QUADRUPLE EFFECT, all steel, vertical tube EVAPORATOR, complete with all piping, pumps, etc.

1—19,000 sq. ft., QUADRUPLE EFFECT, horizontal, brass tube EVAPORATOR, with all piping, pumps, etc.

4—8′x12′ All Steel OLIVER FILTERS, complete with all pumps and receivers.

3—8x10 Wood Stave OLIVER FILTERS, complete with all pumps and accessories.

3—No. 12 SWEETLAND FILTERS, iron leaves on 4″ centers.

8—JUICE HEATERS, 500 to 750 sq. ft. H. S.

1—Hersey double unit ROTARY DRYER OR GRANULATOR.

2—Burman ROTARY DOUBLE SHELL DIRECT HEAT PULP DRYERS.

Miscellaneous: Crystallizers, Pumps, Package Machinery, Dryers, Coil and Calandria Pans

Send for Printed Circular
Arrange to Inspect

REMAINING
AT BAYONNE, New Jersey

1—24″ dia. x 40″ PENNSYLVANIA SINGLE ROLL CRUSHER.
1—18″ x 18″ LANCASTER TWO-ROLL CRUSHER.
1—HARDINGE CONICAL PEBBLE MILL, 6′ x 36″, silex lined, silent chain drive, motor and starter.
3—DORR BOWL CLASSIFIERS—10′ dia. bowl with 2′3″x19′8″ rake, 12′ dia. bowl with 2′3″x21′4″ rake, 15′ dia. bowl with 2′3″x23′ rake.
1—OLIVER DUPLEX DRY VACUUM PUMP, 14″ x 8″.
1—HARDINGE CONSTANT WEIGHT FEEDER, ¼ HP motor.
3—DORR THICKENER MECHANISMS—
Trays and Superstructures for 20′ dia. x 10′; 30′ dia. x 12′; 40′ dia. x 12′.
4—DORRCO DIAPHRAGM PUMPS, single and duplex.
1—8′ x 8′ OLIVER ROTARY CONTINUOUS VACUUM FILTER.
3—RAYMOND BROS. "IMP" PULVERIZERS, No. 40, with direct connected motors, cyclone collectors and all inter-connecting piping.
1—HORIZONTAL STEEL STORAGE TANK 8′x28′ 10,000 gal.

Special Items from Stock

56—(NEW) STAINLESS STEEL steam jacketed KETTLES, up to 500 gal. cap. AA3 needed.

2—70″ x 30′ RUGGLES COLES DIRECT HEAT ROTARY DRYERS, Type A-9.
1—5′ x 12′ Vacuum DRUM DRYER, Buffalo Foundry complete with accessories.
10—ROTARY VACUUM DRYERS; 3—Buffalo 5′x20′; 3—Devine 4′x25′; 1—Devine 4′x30′; 1—Struthers Wells 36″ x 12′.
2—ATMOSPHERIC DRUM DRYERS 4′ x 12′.
1—28″ x 60″ ATMOSPHERIC DOUBLE DRUM DRYERS, m.d.
2—Buflovak 6′ dia. Jack. Vacuum CRYSTALLIZERS or VACUUM PAN DRYERS.
4—6 TRUCK DRYERS, Philadelphia Textile.
9—Direct heat ROTARY DRYERS 4′ x 30′, 5′ x 30′, 70″ x 30′.
1—7′6″ x 75′ ndirect Heat ROTARY DRYER.
2—PEBBLE MILLS, 1—4′ x 4′ Burrstone Lined; 1—32″ x 42″ Rubber Lined; 4—30 gal. porcelain lined. Other Sizes.
3—CRUSHING ROLLS, 40 x 16″ Colorado Iron Works; 36″ x 16″ Sturtevant.
6—DRY POWDER MIXERS various sizes. To 3000 lbs.
2—W. & P. MIXERS, sizes 21-X-DB jacketed 625 gal.
2—4-Roll RAYMOND HIGH SIDE MILLS for extremely fine pulverizing.

2—LOUISVILLE Rotary Steam TUBE DRYER, 6′x35′. Each equipped with 2 rows of tubes, recent model.

1—4′x6′ OLIVER CONTINUOUS FILTER; 2—8′x8′
8—HEAT EXCHANGERS, 50 to 1600 sq. ft. heating surfaces; 5 copper, 2 steel tubes.
6—RAYMOND PULVERIZERS; 4-Roll Low Side; No. 3, No. 1, No. 0000.
1—Day No. 30 Imperial Jack. MIXER, 75 gal.
8—RUBBER LINED Rectangular TANKS; 7—500-gal.; 1—150 gal.
29—CENTRIFUGAL EXTRACTORS, 12″ to 72″ bronze and steel baskets, belt and motor drives.
1—PNEUM. SCALE CARTON PACKAGING UNIT
1—Pneumatic Scale Co. Auto. tight WRAPPER.
2—Batteries of two each TYLER HUMMER SCREENS 4′x5′, single deck, other sizes.
1—36′ dia. Cast Iron COLUMN, 23″ high.
1—355 c.f.m. AIR COMPRESSOR, with A. C. Motor
1—Devine duplex VACUUM PUMP 16 x 16 x 12.
2—STOKES steam heated WATER STILLS, 5, 10 gal. per hour.
1—Day 5-gal. jacketed MOGUL MIXER.
9—Hardinge BALL MILLS, 3′ x 8″, 3′ x 36″, 6′ x 36″; also 6′ x 12′ Rod Mill.
5—ROTARY KILNS, 6′ x 60′, 8′ x 125′, 8′x 135′.
2—BELT CONVEYORS, 30″ x 130′, 16″ x 65′.
3—Dracco Perfecto Type AAA DUST COLLECTORS.
1—Abbe Blutergoss No. 2 SIFTER; 1—No. OS, m.d.
2—Gen. Ceramic 40″ dia. x 15′ high ABSORPTION TOWERS.
30—Jacketed Kettles, 20 gal. to 2000 gal.
3—ROLLER MILLS, 6′ x 14″, 12 x 30, 16 x 40 water cooled.
2—K. K. 18-spout Rotary Gravity hand FILLERS.
1—Pneumatic Scale straight line BOTTLE CLEANER
4—150 gal. aluminum TANKS, cone bottom.
1—Stokes No. 21 GRANULATING MIXER, 50 lb. belt driven.
4—Granberg LIQUID METERS.
1—No. 7; 2—Colton TUBE or JAR FILLER.
2—Colton No. 0 TUBE or JAR FILLER.
2—Colton hand TUBE FILLERS and CLOSERS.
2—Jones Automatic CARTONERS.
2—Anderson PACKAGING UNITS.
2—World Rotary auto. LABELERS
1—C. C. & S. 7-head Jumbo CROWNER.

EXPELLERS
6—Anderson No. 1 OIL EXPELLERS, with feeders, tempering apparatus, 15 HP AC motors—rebuilt.

1—Sperry Iron FILTER PRESS, 36″ x 36″, 38 chambers.
7—50 gal. copper steam jacketed VACUUM PANS, complete, other sizes to 750 gal.
1—Robinson 22″ ball bearing ATTRITION MILL, with 2—15 H. P. A. C. motors.
1—300 gal. COPPER steam jack. KETTLE, with bronze agitator.
1—Pneumatic Scale Co. Auto. 6 head CAPPER & CAP FEEDER, M. D.
1—(new) Stokes "F" single punch TABLET MACHINE, ¾″, var. speed and A. C. motor; 1—Stokes T, 1½″, belt driven.

1—No. 12 SWEETLAND FILTER with 36 monel leaves, 250 mesh, grooved.

WANTED: Idle Machines
Single Items or Complete Plants.
You can help War Production by sending us your list.

We Buy and Sell From a Single Item to a Complete Plant

CONSOLIDATED PRODUCTS CO., INC.

13-18 Park Row
New York 7, N. Y.

FOR OVER 25 YEARS A SYMBOL OF CONFIDENCE

Shops: 335 Doremus Ave.
Newark 5, N. J.

Positions Vacant

ESTABLISHED CHEMICAL manufacturing company desires a salesman for permanent position. In reply, please state all details for prompt consideration. BOX 277, Oil, Paint and Drug Reporter.

CHEMIST WANTED—Seeking man who has developed new products for postwar market, such as household cleaners, powder paints and similar specialties which can be marketed in powder form. Give full particulars regarding developments, background, remuneration, etc. BOX 228, Oil, Paint and Drug Reporter.

STAINLESS STEEL TANKS
100 and 200 gals. with dished bottoms and stands.

STERILIZERS
New, 18"x18", with clamp cover, copper basket, safety valve, gauge and 3-burner gasoline stove, also steam coil $75.00 each.

COPPER COATING PAN
J. H. Day 66" in diam. mounted on stand with tight and loose pulley.

STEAM JACKETED TANK
9' dia. x 5' deep, flat bottom, with heavy duty agitator, 100 lbs. W.P.—also Copper Jacketed Kettles.

H. LOEB & SON
4603 Lancaster Ave. Philadelphia 31, Pa.

SPECIALS!

1—Shriver 18" Plate and Frame, Closed delivery Filter Press, 26 chambers.

2—Fletcher 40" Centrifugals, motor driven, bottom discharge, with Louis Allis 10 HP High Torque Motors, 3/60/220 volt.

2—6'x5' Jacketed Closed Pressure Kettles.

1—Kent High Speed 13"x33" 4 Roller Mill, 20 HP motor.

1—Shriver Diaphragm Pump, 45 gpm, 5 HP motor.

4—Oliver Rotary Filters, 5'x8'. 8'x3½', 8'x8', 8'x11'.

5—Shriver and Independent 24" and 42" Wood Filter Presses.

1—Johnson 24" Plate and Frame, closed delivery Press, with 36 plates and frames, ½" cake.

29—Centrifugals, 32", 40", 48" steel, bronze baskets, motor driven, top, bottom discharge.

3—Hersey Rotary Dryers, 5'x30', 5'x21'.

2—Scott 4'x8' Vacuum Cookers.

1—Buffalo 24"x20" Vacuum Drum Dryer.

6—Rotary Dryers, 4'x30', 6'x42', 6'x60', 6'x65', 7'x74'.

1—Union Viscolizer, 100 gph.

1—Raymond Mill, No. 0000, ball bearing, with 15 HP motor.

2—Jeffrey Hammer Mills, 36"x24", 24"x18".

10—Abbe Pebble Mills, 30 to 200 gal.

3—Roller Mills, 9"x24", 12"x30".

4—Tyler Screens, 3'x5', 4'x5'.

1—Stokes Steel Vacuum Pan, 100 gal.

2—1750 gal. Lead Lined Pressure Tanks.

2—Jacketed Stills, 500 and 350 gal., with columns and condensers.

10—Condensers, 20 to 300 sq. ft.

4—Jacketed, Agitated Steel Kettles, 650, 600, 375 gal.

5—Jacketed, Closed Steel Receivers, 45, 60, 100 and 200 gal.

1—Copper Rotary Dryer, 6'x17'.

2—Marcy 6'x4½' Manganese Lined Ball Mills.

3—Sharples No. 6 Super Centrifuges, motor driven.

2—6' Buflovak Atmospheric Crystallizers.

Miscellaneous: Complete stocks pumps, tanks, filters, boilers, etc.

Partial List Only. Your Inquiries Solicited. Send us your lists of surplus equipment.

BRILL
Equipment Co.
225 West 34th Street
New York 1, N. Y.
BRyant 9-2040

Positions Vacant

FACTORY MANAGER wanted, one familiar with soap manufacturing for established plant in midwest. Complete charge of plant and production. Ability to handle employees and technical background in soap manufacturing required. Right man will receive substantial salary and permanent position. Apply giving full particulars of education and experience. BOX 262, Oil, Paint and Drug Reporter.

CHEMIST WANTED—Familiar with ampoule manufacturing. Ziegler Pharmacal Company, 500 Franklin street, Buffalo, N. Y.

MEN WANTED IN PURCHASING AND TRADING DEPARTMENTS

Opportunity to become associated with aggressive established export-import chemical house. Unusual post-war future. Applicant must have experience and good background, and be thoroughly conversant with sources of supplies and uses of chemicals.

REPUBLIC CHEMICAL CORPORATION
94 Beekman Street, New York 7, N.Y.
Telephone REctor 2-9810

2—Batteries (9 and 11) Tolhurst 40" Suspended Type, Centrifugals, Motor Driven, Bottom Discharge.

1—F. J. Stokes 3'x15' Rotary Vac. Dryer.
1—Raymond No. 19 Imp Mill, complete.
1—3 Roll High Side Raymond Mill, complete.
3—No. 0000 and No. 0 Raymond Mills.
1—Ertel 3 Spt. Vac. Bottle Filler.
1—Johnson 12" sq. Plate & Frame Iron Filter Press.
2—Bonnot 27" dia. Recessed Iron Filter Press.
6—Autoclaves, 200 to 1500 gals.
12—Vertical, jacketed, agitated Kettles, up to 1600 gals.
2—75 & 1500 gal. lead lined closed Kettles.
1—Dopp 50 gal. Jacketed, Agitated Kettle.
5—20, 35 & 150 gal. Closed, Agitated, Jacketed Copper Kettles.
20—50 gal. Vert. Agitated Steel Tanks with Nettco Drives.
1—Single Punch Preform Tablet Machine, ½".
3—Ball & Jewell Rotary Cutters.
3—Homogenizers, 5 HP & 10 HP.
4—Watson-Stillman Hydr. Pumps.
1—25 gal. Ross Double Arm Heavy Duty Tilting Mixer.
6—Horizontal Mixers, 25 to 150 gals., Single & Double Arm.
1—Faust 150 gal. Jack. Spiral Mixer.
2—Coombs Gyratory Sifters, 1/3 & ¾ HP.
1—Schutz-O'Neill No. 3 Gyratory Sifter.
2—Robinson 20" M.D. Attrition Mills.
1—Howe Barrel & Bag Packer.
2—4000 gal. Vert. Acid Proof Tanks.
1—Nash No. 3 Vacuum Pump.
1—No. 3 Oliver 14"x8" Duplex Vacuum Pump.
1—Penn. Vac. Pump, 14"x5".
2—Worthington 12"x12"x12" Vacuum Pumps.
2—DeLaval Separators, Lab. size & No. 302.
2—DeLaval Multiple Clarifiers, Nos. 200 & 600, motor driven.
2—Ross 3 & 15 gal. Pony Mixers.
1—Ross 2 Roll Granite Stone Mill, 8"x12".
2—5 Roll water cooled 16"x40" Steel Roller Mills.
2—Ross 3 Roll Water Cooled 12"x30" & 16"x40" Steel Roller Mills.
3—Double Stand Steel 4 Roller Mills, 7"x18", 7½"x20" & 7½"x30" Rolls.
10—Pebble & Jar Mills, Lab. to 50 gal.
1—Tolhurst 40" Centrifugal.
8—Stone Mills, 8" to 32".
8—Lead & Paste Mixers, 50 to 185 gals.
5—Varnish Kettles, 100 to 200 gals.
10—Steel Tanks, up to 4000 gal.
1—Schutz-O'Neill No. 1 Sugar Pulverizer.
2—Schutz-O'Neill 16" & 20" Pulverizers.
2—Double Roll Crushers.
2—Williams No. 2XX & No. 3 "Regular" type Hammer Mills.
10—Electric Agitators, ¼ to 2 HP.
20—Rotary, Centrif. & Triplex Pumps.
4—Gas Boilers, 1 to 10 HP.

Only Partial Listings
Write for Complete Bulletins
We Buy Your Surplus Machinery

STEIN EQUIPMENT COMPANY
Department E
426 BROOME ST., NEW YORK 13, N. Y.

Positions Vacant

CHEMIST WANTED—Thoroughly acquainted with the textile specialty field. Must have thorough knowledge of manufacture of detergents, sulphonated oils, finishing compounds and specialty products. Salary, $6,500 for the right experienced man. BOX 281, Oil, Paint and Drug Reporter.

CHEMIST—GRADUATE, experience preferred, oleo-resinous, pyroxylin, plastic coatings on fabrics. Excellent opportunity. Now and post-war. Write full details. BOX 278, Oil, Paint and Drug Reporter.

INK SERVICE—Large printer (essential rating) has opening for color matcher with ability to service letter press inks on high speed magazine presses. In reply give full record of education and experience and approximate salary desired. BOX 273, Oil, Paint and Drug Reporter.

IMPORT HOUSE, old established, desirous of organizing new department, seeks services of man experienced in gums, spices, essential oils, etc., to assume full charge. Generous compensation to right person. State details, experience. Communications treated confidentially. BOX 274, Oil, Paint and Drug Reporter.

DEVINE ROTARY VACUUM DRYER
JACKETED
5 ft. dia. by 33 ft. long
EXCELLENT CONDITION

EMSCO EQUIPMENT COMPANY
EMIL A. SCHROTH, Owner
41 HYATT AVE., NEWARK 5, N.J.
Phone: Mitchell 2-3536

Win the Battle Over Production Delays with Union Rebuilt Guaranteed Equipment!

UNION Rebuilt Machinery Established 1912

IN STOCK . . READY FOR IMMEDIATE DELIVERY! ALL OFFERINGS SUBJECT PRIOR SALE!

Wire Collect for Prices and Details!

2—Day three-roll Roller Mills, 16"x40" horizontal type with roller bearings, direct motor drive.

2—Kent three-roll Roller Mills, 16"x40" horizontal type motor drive.

1—National five-roll Roller Mill, with steel water-chilled Rollers, 16"x40".

1—National three-roll Roller Mill equipped with 16"x40" water cooled chilled steel rollers.

1—Lehman 16"x40" three-roll Roller Mill with water-cooled rollers

1—Werner & Pfleiderer 2,500 gallon capacity double arm steam-jacketed Mixing Tank.

1—Single action steam jacketed Mixer equipped with two 4" outlets; 900 gal. capacity.

1—Stokes 400 gallon capacity single arm Mixer, direct motor driven.

1—Reed 150 gallon capacity single and double arm Mixer.

1—Day single and double arm 100 gallon capacity jacketed Mixer. Cast-iron jacketed Kettles. 40-50-75 gallon capacity.

WE PAY CASH FOR SINGLE MACHINES OR ENTIRE PLANTS

Union Standard Equipment Co.
318-322 Lafayette Street
New York 12, N. Y.

Positions Vacant

FLAVOR CHEMIST wanted—Must possess sufficient experience, imagination and initiative to assume full responsibility of our flavor division. Liberal starting salary and excellent opportunity for the man who is capable of producing the best in beverage flavors. Your reply, which will be held strictly confidential, should contain complete past employment record and sufficient information to enable us to determine whether interview will be mutually worthwhile. Address Roy C. Collins (Personal), Clyde Collins, Inc., Memphis, Tenn.

TEXTILE CHEMIST—Thoroughly experienced in the manufacture and development of chemical specialties used in the textile dyeing and printing industry. Must have a good knowledge of starches, finishes and detergents. This is an unusual opportunity for a practical man, who can supervise the manufacture of present formulations and develop new ones. BOX 279, Oil, Paint and Drug Reporter.

Positions Wanted

SALES and operations executive—Chemical engineer, 20 years in pharmaceutical and allied chemical lines. Entirely familiar with plant and equipment design and function, as well as laboratory procedures. Well experienced in development of new products, promotional selling and training salesmen. Can direct advertising and originate promotional literature. Desires permanent position in aggressive and expanding company, with established business and interested in new lines. BOX 275, Oil, Paint and Drug Reporter.

—Continued on page 62

MOVING
On and after August 15, 1944, we will be located in our own building at
533 WEST BROADWAY
NEW YORK 12, N.Y.
Send for Our Removal Bulletin "R" for complete list of offerings.

SPECIALS
Jacketed Autoclave, 500 gal. with ag.
Jacketed Mixer, W & P, 3½ gals.
Shriver Diaphragm Pump, 100 GPM.
Buffalo Vac. Drum Dryer, 24" x 20".
Stokes "T" Single Punch Tablet Machine.
Rotary Tablet Mach. Type Stokes D-1".
Shriver 24" Wd. P & F Filter Press, C. D.
Abbe Pebble Mill, 200 Gal. Silex Lined.

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POT STILL — COPPER, HORIZONTAL
1—6'0" dia. x 7'4" long. Flanged Heads, 1,585 gal. cap. Compl. with coils.

ETHER EXTRACTOR, COPPER
3'0" dia. x 26' 4½" high, with Agitator.

CONDENSERS
Bronze Tube Sheets, Copper Tubes, Copper or Steel Shells Ranging in Size from 100 to 1,000 Sq. Ft. of Surface.

ALSO AVAILABLE, FROM STOCK
DISTILLATION COLUMNS in Various Sizes (Chrome Iron, Everdur, etc.)
2—ANDERSON NO. 3 MOISTURE EXPELLER.
ROTARY STEAM DRYERS. Compl. with Trunnions.
2—4'0" dia. x 23'0" long.
1—6'0" dia. x 23'0" long.
4—JUICE HEATERS, Steel Shell, Brass Tubes, 42" dia. x 9'0" long—550 sq. ft. surface.
9—COIL-TYPE VACUUM PANS (complete with Condensers, Catch-alls, etc.)
3—12'0" Diameter—Cast Iron.
2—14'0" Diameter—Cast Iron.
1—11'0" Diameter—All Copper.
3—14'0" Diameter—All Copper.
TANKS, COPPER AND STEEL.
AMMONIA COOLERS.
BUCKET ELEVATOR, 105'0" high, Buckets 6" x 11", Compl. with Drive, Pulley, and Belt.
HAMMER MILL: Williams, Cap., 1,000 to 1,200 lbs. corn per hour through 1/16" screen.
PUMPS—CENTRIFUGAL AND STEAM—all sizes.
4—TANK SAND FILTER SYSTEMS, each 3'0" dia. x 5'0" high, with fittings and I-Beams.
PEABODY OIL BURNER—Never Used—Suitable for 150 h.p. Boiler.
ACE OIL BURNER—excellent condition.
LAWRENCE TRIPLE EFFECT EVAPORATOR.

LARGE STOCK COPPER TUBING, BRASS STEEL AND CAST IRON PIPE, VALVES, FITTINGS, ALL R. & G.

Write for Complete List

ORELAND EQUIPMENT CO.
P.O. BOX "E", ORELAND, PENNA.

Business Wants

—Continued from page 61

Positions Wanted

PRODUCTION CHEMIST, 21 years' experience. Can make pure thioglycolic acid, ammonium thioglycolate, also calcium salt, in any quantity needed. Can build you complete plant, or operate and improve your present one. Will work on consulting basis, or take steady position. Am not working at war work. Draft exempt. Will go anywhere. BOX 255, Oil, Paint and Drug Reporter.

DRUG PLANT manager—Experienced equipment layout, installation, operation. Packaging, warehousing, shipping, personnel. Crude drugs, extracts, insecticides, gums, stock and poultry remedies, specialties, etc. Familiar sources of supply and sale. BOX 269, Oil, Paint and Drug Reporter.

Products Wanted

SUCCESSFUL CONCERN, with extensive sales outlets in the pharmaceutical laboratory field, seeks additional products for national distribution. Will only consider products that are worth while. Give full details in strict confidence. BOX 252, Oil, Paint and Drug Reporter.

OLD ESTABLISHED firm, medium size, manufacturing chemicals and specialties, having plants with railroad sidings in east and middlewest, interested in manufacturing additional products, bulk products preferred. Plants have large mixing and storage facilities. BOX 263, Oil, Paint and Drug Reporter.

Botanical Drugs

—Continued from page 54

Spices

Allspice.—Spot goods were quoted at 18c. to 18½c. per pound. Some merchandise now at Larado, Tex., was offered at 17¼c. to 17¾c. per pound, f.o.b. that point.

Clove.—Zanzibar spice at Baltimore was quoted at 19½c. to 20c. per pound. The set price was 21½c. to 22c. per pound.

Ginger.—Holding firm at the recent advances in prices for Jamaica root.

Paprika. — Choice quality Portuguese material was lower at 39c. to 39½c. per pound.

Pepper.—Mombassa chillies were reduced once more, this time to 20½c. to 21c. per pound.

Markets at Other Centers

Los Angeles, July 26.—Only small amounts of fenugreek seed remain on the market, and growers asking 14c. to 15c. per pound.

Marjoram.—About 80 percent of the stocks are reported to be sold. French type marjoram, in dried and clean form, quoted at 75c. per pound.

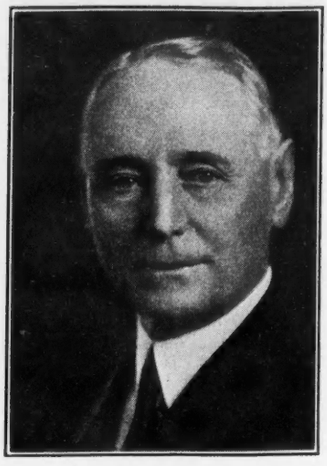
Mustard Seed.—Almost all California brown type seed has been sold, and growers now waiting new harvest. Quoted at 18c. per pound when available.

Sage.—Stocks of Dalmation type sage seem to be well cleaned out. Price quoted at 85c. per pound in dried and clean form, and guaranteed to contain less than 12 percent stems.

Savory.—French type summer savory named at 85c. per pound in dried and clean form.

Sweet Basil.—In dried form named at $1.25 per pound, with 60 percent of stock reported sold.

Ashcraft-Wilkinson Co. Officers



Lee Ashcraft has been elected chairman of the board and George W. McCarty has been made president of the Ashcraft-Wilkinson Company, fertilizer distributors, Atlanta, Ga.

Summers Fertilizer Names Production Head

William N. Watmough, jr., has been appointed production manager of the Summers Fertilizer Company and its associate company, Northern Chemicals Industries, Searsport, Maine. Mr. Watmough, was with G. Ober & Sons, Baltimore, for seventeen years and for the past several years has been assistant works manager at the Curtis Bay plant of the Davison Chemical Corporation. It is expected that production of sulphuric acid and superphosphate at Searsport will begin August 1.

G.J. Campbell Heads Canadian Fertilizer Coun

Grant J. Campbell, manager of Summers Fertilizer Company, St. Stephen, N. B., plant was recently elected President of the Maritime Fertilizer Council at a meeing held at St. John, N. B. The council consists of manufacturers doing business in the Maritime Provinces. Mr. Campbell was formerly of Baltimore, Maryland and has been Summers' Canadian manager for seven years.

Chemical Prices

—Continued from page 5

ducers who are eligible to apply for price increases are:—

1. The low-priced seller, the loss of whose production would compel his customers to resort to higher cost sources of supply.

2. The manufacturer who has been ordered or otherwise required by the War Production Board, or other government agency responsible for supply, to produce a certain quantity of a commodity.

3. The producer of an essential material, the supply of which has been certified as inadequate (or threatens to become so) by the War Production Board or other government agency, but in connection with which production orders are not practicable.

Virginia-Carolina Plant Damaged by Fire

Flames destroyed about one-third of the fertilizer plant of the Birmingham branch of Virginia-Carolina Chemical Corp., July 16, in a fire which started with a sudden puff of smoke in one end of the plant and spread rapidly over the east end of the block-long building. Although no estimate of damage has been made, Fire Chief Alf Brown declared the loss "very heavy."

Recent Imports

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ACID, TARTARIC—200 bbls, Bruner & Co

ARGOLS—310 bgs, A F Lindner Co

BARBASCO ROOT—60 tins, United States Commercial Co
1,804 bgs, United States Commercial Co

BLOOD, DRIED—19 bgs, Charles Hollinshed & Co

BONES—577 bgs, 57,700 lbs, International Commercial Co
1,552 bgs, 155,200 lbs, C M Loeb Rhoades Co
913 bgs, 91,300 lbs, Darmstadt, Scott & Courtney
1,363 bgs, 136,300 lbs, Bank of New York
4,207 bgs, 420,700 lbs, National Bank of Philadelphia

INDUSTRIAL—75 bgs, 7,500 lbs, Charles Hollinshed & Co

REJECT—1,450 bgs, 145,000 lbs, Armour & Co

SHIN, FLAT—29 bgs, 2,900 lbs, Charles Hollinshed & Co
26 bgs, 2,600 lbs, Armour & Co

SHIN, ROUND—123 bgs, 12,300 lbs, Charles Hollinshed & Co
28 bgs, 2,800 lbs, Armour & Co

BRISTLES—6 cs, Corn Exchange Bank & Trust Co
4 cs, H Rosenhirsch Co
5 cs, Chase National Bank & Trust Co
3 cs, Royal Bank of Canada
4 cs, Sterling Bank & Trust Co
6 cs, Tradesman National Bank & Trust Co
2 cs, Public National Bank & Trust Co

CAFFEINE, ANHYL—63 bbls, Lo Curto & Funk

CALCIUM TARTRATE—734 bgs, Tartaric Raw Material, Inc

CASEIN—3,588 bgs, 466,440 lbs, F H Paul & Stein Bros
3,000 bgs, 390,000 lbs, H S Cramer & Co
2,000 bgs, 260,000 lbs, J Henry Schroeder Banking Corp
3,334 bgs, 433,420 lbs, First National Bank
3,675 bgs, 477,750 lbs, American Cyanamid & Chemical Corp
870 bgs, 113,100 lbs, Hercules Powder Co
3,717 bgs, 483,210 lbs, American British Chemical Supplies
1,016 bgs, 132,080 lbs, Wm Diehl & Co
681 bgs, 88,530 lbs, T M Duche & Sons
490 bgs, 63,700 lbs, National Casein Co
447 bgs, 58,110 lbs, C W Burckhalter, Inc
250 bgs, 32,500 lbs, Transatlantic Animal By Product Co

CASTOR BEANS—21,220 bgs, 3,183,000 lbs, Baker Castor Oil Co
3,387 bgs, 508,050 lbs, Spencer Kellogg & Sons
3,388 bgs, 508,200 lbs, Guaranty Trust Co
1,700 bgs, 255,000 lbs, First National Bank
3,400 bgs, 510,000 lbs, Irving Trust Co
8,455 bgs, 1,268,250 lbs, United States Commercial Co
15,300 bgs, 2,295,000 lbs, Commodity Credit Co

COCOA BEANS—4,750 bgs, 950,000 lbs, General Cocoa Co
6,028 bgs, 1,205,600 lbs, C Israel Commodity Co
2,000 bgs, 400,000 lbs, Nieschlag & Co
1,000 bgs, 200,000 lbs, Rockwood & Co
4,000 bgs, 800,000 lbs, Cocoa Trading Co
900 bgs, 180,000 lbs, Kennedy, Butcher & Co

COCOA BEANS—2,000 bgs, 400,000 lbs, Wood & Selick
2,000 bgs, 400,000 lbs, W R Grace & Co
900 bgs, 180,000 lbs, Blumenthal Bros
900 bgs, 180,000 lbs, Wessel, Duval & Co
5,000 bgs, 1,000,000 lbs, Wessel, Kulenkampf & Co
900 bgs, 180,000 lbs, Little & Christman

CORK—29 bgs, Fred Henjes, Jr
36 bls, Mundet Cork Corp

BEARD—1,286 crts, Alex Murphy & Co

BOARDS—600 crts, Alex Murphy & Co

BOBBINS—80 pkgs, Fred Henjes, Jr

INSULATORS—5,007 cartons, Cork Import Co

SHAVINGS—455 bls, Crown Cork & Seal Co

VIRGIN—1,564 bls, Armstrong Cork Co
600 bls, Bank of Manhattan

WASTE—1,200 bls, Mundet Cork Corp
509 bls, Armstrong Cork Co
836 bls, Wicander & Co
408 bls, Universal Transcontinental Corp

WOOD—20 bls, Bridgetts & Co
50 bls, Bank of Montreal
499 bls, Bank of Manhattan
1,465 bls, Armstrong Cork Co

CORN HUSK—50 cs, H S Dorf & Co

COTTONSEED MEAL—11,038 bgs

CUTTLEFISH BONES—116 cs, Hinton & Co
30 cs, Siegbert & Neuman
59 cs, Hudson Shipping Co
14 cs, A Miller

DYES, ANILIN—16 bbls, A E Neydegger & Co
73 dms

ELDER BERRIES—70 cs, Becker Mayer Seed Co

GLUESTOCK—131 bls, Milligan & Higgins Co

GUM, PERILLA—10 bgs, H A Astlett & Co

HAIR, EAR—24 cs, International Commercial Co

HORSE TAIL—27 cs, Hair & Fiber Supply Co

HONEY—150 bbls, J G Patton Co
90 bbls, D Steengrafe

LAUREL LEAVES—35 bls, Becker-Mayer Seed Co

MEDICINAL PREPS—2 crtns, D C Andrews & Co

MENTHOL—61 cs, McKesson & Robbins
5 cs, International Republic Trading Co
2 cs, S B Penick & Co
1 cs, Chase National Bank
5 cs, Brown Williamson Tobacco Co
4 cs, National City Bank
3 cs, Bank of Manhattan Co
6 cs, Chemical Bank & Trust Co

NUTMEGS—58 bgs, Thomas Scott & Co

OIL, BERGAMOT—1 cs, National City Bank

CASTOR—750 dms, United States Commercial Co
164,000 kilos, United States Commercial Co

LINSEED—1,120,194 kilos, United States Commercial Co

OITICICA—366 dms, United States Commercial Co

ORANGE—4 cs, Continental Bank & Trust Co
4 cs, Magnus, Mabee & Reynard
1 cs, Kachurin Drug Co

PATAUA—257 dms, Leghorn Trading Co

PEPPERMINT—1 cs, Canadian Bank of Commerce

PETITGRAIN—2 dms, Guaranty Trust Co

SASSAFRAS—5 cs, Magnus, Mabee & Reynard

PAPRIKA—150 bgs, 21,000 lbs, J Raphael & Son
250 bgs, 35,000 lbs, D C Evans Coffee Co
40 bgs, 5,600 lbs, Archibald & Lewis Co
150 bgs, 21,000 lbs, J H Forbes Coffee Co

QUEBRACHO EXTRACT—13,950 bgs, 1,674,000, International Product Corp
6,554 bgs, 786,480 lbs, Tannin Product & Export Co
6,029 bgs, 723,480 lbs, American Tanners, Ltd

SHARK LIVERS—40 bbls, Cuban American Product Co

TAMARINDS—25 bbls, Lea & Perrins
27 bbls, H J Heinz Co

TANKAGE—2,697 bgs, 269,700 lbs, International Commercial Co
630 bgs, 63,090 lbs, Charles Hollinshed & Co
43 bgs, 4,300 lbs, Armour & Co

LIVER & GLANDULAR—59 bgs, 5,900 lbs, International Commercial Co

WAX, BEES—42 bgs, Geck Trading Co
20 bgs, Koster Keunen, Inc

CARNAUBA—984 bgs, Strohmeyer & Arpe Co
831 bgs, Wm M Allison & Co
666 bgs, W R Grace & Co
55 bgs, H M Newhall & Co
88 bgs, Wax & Rosin Product, Inc
32 bgs, Cornelius Product Co
111 bgs, T G Cooper & Co
276 bgs, E A Bromund & Co
66 bgs, F B Ross & Co
507 bgs, Smith & Nichols
200 bgs, Strahl & Pitsch
363 bgs, Philipp Bros
604 bgs, Innis, Speiden & Co
421 bgs, Bunge Corp
523 bgs, Lenape Trading Co
961 bgs, S C Johnson & Son
2,332 bgs, American Cyanamid & Chemical Corp

OURICURY—123 bgs, Wm M Allison & Co

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